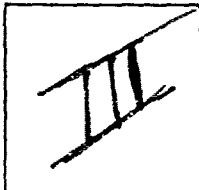


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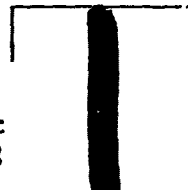
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**Air Weather Service ( MAC )**

REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS

LITTLE ROCK AFB AR  
N 34 55 W 092 09

FLD ELEV 311 FT LRF

WBAN# 03950  
WMO#

PARTS A-F

POR FROM HOURLY OBS: JAN 69 - DEC 78

POR FROM DAILY OBS: JAN 56 - DEC 78

TIME CONVERSION GMT TO LST: -6

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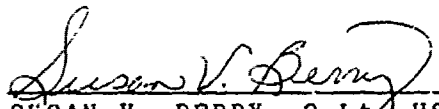
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Information Retrieval  
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FOR THE COMMANDER

  
WALTER S. BURGMANN  
Scientific & Technical  
Information Officer

27 FEB 1960

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1 REPORT NUMBER USAFETAC/DS- 80/002	2 GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)-Little Rock AFB, Little Rock, Arkansas		5 TYPE OF REPORT & PERIOD COVERED Final rept.
7 AUTHOR(s)		6 PERFORMING ORG. REPORT NUMBER
9 PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		8. CONTRACT OR GRANT NUMBER(s)
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17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18 SUPPLEMENTARY NOTES  This supersedes AD-A074 672		
19 KEY WORDS (Continue on reverse side if necessary and identify by block number) *RUSSWO                      Daily temperature                      Atmospheric pressure Snowfall                      Extreme snow depth                      Extreme surface winds Climatology                      Sea-level pressure                      Psychrometric summary Surface Winds                      Extreme temperature                      Ceiling versus visibility Relative humidity                      *Climatological data                      (over)		
20 ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Little Rock AFB, Little Rock, Arkansas It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

19. Percentge frequency of distribution tables  
Dry-bulb temperature versus wet-bulb temperature  
Cumulative percentage frequency of distribution tables

\* Arkansas

\* Little Rock AFB, AR

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

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APPLICATIONS CENTER

## REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

### HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

### DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

### DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

#### PART A WEATHER CONDITIONS

##### ATMOSPHERIC PHENOMENA

#### PART B PRECIPITATION

##### SNOWFALL

##### SNOW DEPTH

#### PART C SURFACE WINDS

#### PART D CEILING VERSUS VISIBILITY

##### SKYCOVER

#### PART E DAILY MAX, MIN, & MEAN TEMP

##### EXTREME MAX & MIN TEMP

##### PSYCHROMETRIC DRY VS WET BULB

##### MEAN & STD DEV

##### (DRY BULB, WET BULB, & DEW POINT)

##### RELATIVE HUMIDITY

#### PART F STATION PRESSURE

##### SEA LEVEL PRESSURE

### STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

### MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY \_\_\_\_\_

APRIL \_\_\_\_\_

JULY \_\_\_\_\_

OCTOBER \_\_\_\_\_

FEBRUARY \_\_\_\_\_

MAY \_\_\_\_\_

AUGUST \_\_\_\_\_

NOVEMBER \_\_\_\_\_

MARCH \_\_\_\_\_

JUNE \_\_\_\_\_

SEPTEMBER \_\_\_\_\_

DECEMBER \_\_\_\_\_

STATION NO. SUMMARY 03930	STATION NAME LITTLE ROCK AFB ARK/JACKSONVILLE	LATITUDE N 34 55	LONGITUDE W 092 09	FIELD ELEV. (FT.) 311 ft	CALL SIGN LRF	AMO NUMBER
------------------------------	--	---------------------	-----------------------	-----------------------------	------------------	------------

## STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		DAYS PER DAY
			FROM	TO			FIELD (FT)	HT BARD.	
1	Little Rock AFB, Arkansas	AFB	Jan 56	Dec 78	N 34 55	W 092 09	311 ft	337 ft	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jan 56	Located on top of control tower	GMQ-1	ML-204	90 ft	
2	Aug 56	Located 1300 ft from the NE end of the 060/240 rnwy, 500 ft from the centerline and 8800 ft from the SW end.	GMQ-11	RO-2	13 ft	
3	Apr 57	Located 3200 ft from the N end & 8800 ft from S end of rnwy 060/240, 500 ft from centerline	Same	Same	Same	
4	Mar 59	Located 900 ft S of rnwy 24/06, 3200 ft from NE end	Same	Same	Same	
5	Mar 60	Located 3200 ft SW from NE end of rnwy 24, 500 ft S of centerline	Same	Same	15 ft	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
6	Mar 62	Located 1/3 mile N of Base Weather Station Bldg 120 and 500 ft from center of rnwy	Same	Same	13 ft	
7	Mar 63	1. Located 3/4 mile NNE of BWS bldg 120 and 600 ft from center of rnwy 24. 2. Located 1 1/2 miles WNW of BWS bldg 120 and 500 ft from centerline of rnwy 06	Same	Same	Same	
8	Mar 67	1. Located 675 ft SSE of centerline and 1500 ft WSW of end of rnwy 24 2. Located 400 ft SSE of centerline and 1400 ft ESE of end of rnwy 06	Same	Same	Same	
9	Mar 69	1. Same 2. Same	Same	RO-362	21 ft 13 ft 21 ft	
10	Jan 71	1. Located 600 ft SSE of centerline and 1575 ft WSW of end of rnwy 24 2. Located 500 ft SSE of centerline and 1100 ft ESE of end of rnwy 06	GMQ-20	Same	Same	
11	Dec 78	1. Same 2. Same	Same Same Same	Same	Same 13 ft 21 ft	

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sum of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATTN: WEATHER SERVICE/PMO

## WEATHER CONDITIONS

06910      LITTLE ROCK AFB AR      69-78      JAN  
STATION      STATION NAME      YEARS      MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	0-22	1.3	7.1	2.2	2.9		11.9	16.1	1.6	.1		17.3	930
	23-45	.6	9.9	2.3	2.5		14.2	19.0	1.3	.2		19.6	930
	46-68	.3	11.6	2.0	2.2	.1	15.5	23.2	3.2			24.2	930
	69-91	.2	9.8	1.5	3.1		13.7	16.5	5.7	.1		19.7	930
	92-114	.1	7.7	1.6	1.3		10.1	10.3	2.6	.1		12.2	930
	115-137	.6	8.1	1.4	1.3		10.1	8.6	2.8			11.0	930
	138-160	1.1	10.0	.9	1.0		12.6	10.4	2.8			12.7	930
	161-183	1.3	8.8	1.1	2.6		12.5	13.0	2.2	.1		14.4	930
TOTALS		.7	9.1	1.6	2.2	.0	12.5	14.7	2.8	.1		16.4	7440

1  
 CLICAL CLIMATOLOGY 4-4 ON  
 USAFETAC  
 AT WEATHER SERVICE 7-40

# WEATHER CONDITIONS

0742 LITTLE ROCK AFB A 69-70 YEARS FEB  
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAZ	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	LOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	10-01	.9	8.4	.2	1.9		18.3	10.6	2.1		.5	12.5	846
	3-05	1.2	9.7	.6	1.4		10.6	12.4	3.3	.1	.5	14.8	846
	7-07	.7	7.8	.2	.9		10.6	17.0	5.9		.6	21.0	846
	10-11	1.1	8.7	.4	1.5		9.8	11.8	5.0		.7	16.3	846
	12-16	.9	7.7	.5	2.0		9.9	8.0	5.3		.5	11.3	846
	15-17	.4	6.6	.4	1.5		10.3	6.8	4.0		.4	9.4	846
	18-20	.6	9.1	.4	1.1		10.5	7.8	2.7		.5	10.3	846
	21-23	.9	9.0	.1	1.4		10.3	8.2	3.0		.6	10.6	846
TOTALS		.6	8.7	.4	1.5		10.3	10.3	4.8	.0	.5	13.4	6766

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

03930      LITTLE ROCK AFB AP      69-78      MAR  
STATION      STATION NAME      YEARS      MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	1.4	9.0		.3		9.4	6.7	1.5			7.5	930
	03-05	1.2	8.6		.1		8.7	10.6	2.2			12.0	930
	06-08	1.5	9.1	.1	.4		9.2	15.7	5.7		.2	16.9	930
	09-11	.6	7.8	.3	.4		8.3	9.0	4.5		.4	12.6	930
	12-14	1.4	8.8		.1		8.8	5.8	2.8			7.8	930
	15-17	2.0	10.4	.3	.8		11.1	4.3	1.5			5.5	929
	18-20	1.9	8.7	.1	1.2		9.8	5.7	1.9			6.8	930
	21-23	2.6	9.7		.9		10.3	5.2	1.6			6.2	930
TOTALS		1.6	9.0	.1	.5		9.5	7.9	2.7		.1	9.7	7439

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

03930 STATION LITTLE ROCK AFB AP STATION NAME 69-78 YEARS APR MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	3.1	6.7				6.7	6.5	2.6			8.2	899
	03-05	2.3	6.1				6.1	9.3	2.8			11.0	900
	06-08	1.4	6.6				6.6	13.0	5.0			15.9	900
	09-11	1.1	6.4				6.4	5.2	5.6			10.0	900
	12-14	2.1	6.6		.1		6.6	2.6	3.2			5.6	900
	15-17	2.6	7.1		.1	.1	7.1	2.6	3.1			5.7	900
	18-20	2.1	6.7				6.7	4.2	2.4			6.7	900
	21-23	2.3	6.3				6.3	4.3	2.6			6.7	899
TOTALS		2.1	6.6		.0	.0	6.6	6.0	3.4			8.7	7198

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

03930      LITTLE ROCK AFB AP      69-78      MAY  
STATION      STATION NAME      YEARS      MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	3.0	6.1				6.1	12.0	8.8			17.0	930
	03-05	1.6	5.4				5.4	22.8	14.3			28.3	930
	06-08	1.6	5.3				5.3	19.4	17.6			28.7	930
	09-11	1.0	6.0				6.0	5.4	12.4			16.7	930
	12-14	1.5	6.0				6.0	2.2	7.1			8.9	930
	15-17	2.2	5.7			.1	5.7	1.6	6.1			7.7	930
	18-20	4.0	5.7				5.7	3.2	6.4			8.9	929
	21-23	3.2	6.0				6.0	6.1	8.3			12.8	930
TOTALS		2.3	5.8			.0	5.8	9.1	10.1			16.1	7439

GLOBAL CLIMATOLOGY BRANCH  
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AFC WEATHER SERVICE/MAC

## WEATHER CONDITIONS

03930 LITTLE ROCK AFB AF 69-78 JUN  
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	2.9	3.4				3.4	6.6	7.1			11.4	900
	03-05	3.9	5.4				5.4	18.1	14.6			24.4	900
	06-08	3.1	6.6				6.6	16.9	19.2			28.4	900
	09-11	2.9	6.0				6.0	2.7	9.7			1.3	900
	12-14	2.1	4.0				4.0	.8	6.9		.1	7.8	900
	15-17	3.8	3.6				3.6	1.2	6.7			7.4	900
	18-20	3.7	3.8				3.8	1.4	5.7			6.9	900
	21-23	2.7	2.9				2.9	3.7	7.2			9.7	900
TOTALS		3.1	4.5				4.5	6.5	9.6		.0	13.4	7200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

02930      LITTLE ROCK AFB AR      69-78      JUL  
STATION      STATION NAME      YEARS      MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	1.8	2.5				2.5	4.5	14.2			16.3	930
	03-05	.5	1.0				1.0	17.5	24.5			30.6	930
	06-08	1.0	2.6				2.6	19.1	28.9			35.1	930
	09-11	1.2	3.0				5.0	1.8	12.7			14.0	930
	12-14	3.4	3.3			.1	3.4	.5	7.5			8.1	930
	15-17	5.9	4.0				4.0	.1	8.4			8.5	930
	18-20	3.4	3.0				3.0	.3	9.0			9.2	930
	21-23	2.6	3.8				3.8	2.4	12.2			13.7	930
TOTALS		2.5	2.9			.0	2.9	5.8	14.7			16.9	7440

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# WEATHER CONDITIONS

03930 LITTLE ROCK AFB AF 69-72 AUG  
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	.5	2.6				2.6	8.9	21.8			25.5	930
	03-05	1.0	2.2				2.2	26.0	30.9			40.3	930
	06-08	1.1	3.1				3.1	33.2	37.4			47.1	930
	09-11	.5	3.1				3.1	3.7	17.8			20.2	930
	12-14	2.4	4.4				4.4	1.0	8.3			9.1	929
	15-17	5.5	5.4				5.4	.8	8.4			9.1	930
	18-20	2.6	4.3				4.3	.9	13.0			13.9	930
	21-23	.9	3.1				3.1	1.4	17.4			18.5	930
TOTALS		1.8	3.5				3.5	9.5	19.4			23.0	7439

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

03930  
STATION

LITTLE ROCK AFB AP  
STATION NAME

69-78  
YEARS

SEP  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	1.0	5.0				5.0	15.8	20.8			28.5	899
	03-05	1.6	6.2				6.2	32.1	26.9			42.6	900
	06-08	1.6	6.6				6.6	41.2	35.2			53.1	900
	09-11	1.8	8.3				8.3	9.3	20.6			26.7	900
	12-14	1.1	6.2				6.2	4.2	10.2			13.2	900
	15-17	1.3	5.8				5.8	2.6	9.4			11.1	900
	18-20	1.7	5.1				5.1	4.4	12.7			15.7	900
	21-23	.7	5.0				5.0	8.9	16.8			22.0	900
TOTALS		1.4	6.0				6.0	14.8	19.1			26.6	7199

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

03930      LITTLE ROCK AFB AR      69-78      OCT  
STATION      STATION NAME      YEARS      MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	.3	5.3				5.3	12.0	8.7			17.2	930
	03-05	1.1	6.7				6.7	20.5	12.0			25.5	930
	06-08	.5	6.1				6.1	26.5	19.4			36.1	930
	09-11	.3	6.7				6.7	8.9	14.4			21.6	930
	12-14	.4	5.9				5.9	4.0	4.8			8.1	930
	15-17	1.1	6.7				6.7	3.4	4.3			7.2	930
	18-20	1.3	5.7				5.7	4.0	4.6		.1	8.2	930
	21-23	.2	4.8				4.8	5.4	5.3			9.5	930
TOTALS		.7	6.0				6.0	10.8	9.2		.0	16.7	7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

03920 STATION LITTLE ROCK AFB AF 69-78 YEARS NOV MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	1.9	9.6		.9		10.1	11.2	2.8			13.0	900
	03-05	2.1	9.3		.9		10.0	15.9	4.0			18.0	900
	06-08	1.3	8.2		.8		8.9	24.0	8.1			26.3	900
	09-11	1.0	9.3		.6		9.8	13.1	6.7			18.2	900
	12-14	.8	8.7		.3		9.0	7.4	3.6			10.2	900
	15-17	.6	8.6		.4		9.0	7.6	1.9			8.7	900
	18-20	1.2	8.6		.3		9.1	8.6	2.0			9.9	900
	21-23	1.8	9.2	.1	.4	.1	9.6	9.6	2.2			11.6	900
TOTALS		1.3	9.0	.0	.6	.0	9.4	12.2	3.9			14.5	7200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

03930  
STATION

LITTLE ROCK AFB AR  
STATION NAME

69-75  
YEARS

DEC  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02	1.4	12.6	.3	.9		13.4	13.7	1.2		.3	14.7	930
	03-05	1.0	12.3	.3	.6		12.9	16.0	1.9			17.3	930
	06-08	.6	11.1	.3	.3		11.5	20.9	5.5			23.9	930
	09-11	.2	11.8	.4	.6		12.9	17.5	7.4			22.0	930
	12-14		11.7	.6	.8		12.9	11.7	4.3			14.8	930
	15-17	.1	11.6	.6	1.0		13.2	10.3	2.6			12.4	930
	18-20	.3	11.8	.5	.8		12.6	9.9	1.1			11.0	927
	21-23	1.3	11.0	.5	1.4		12.7	10.9	.9			11.8	927
TOTALS		.6	11.7	.5	.9		12.8	13.9	3.2		.0	16.0	7434

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

03930 STATION LITTLE ROCK AFB AR 69-78 YEARS ALL MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.7	9.1	1.5	2.2	.0	12.6	14.7	2.8	.1		16.4	7440
FEB		.8	8.7	.4	1.5		10.3	10.3	4.0	.0	.5	13.4	6768
MAR		1.6	9.3	.1	.5		9.5	7.9	2.7		.1	9.7	7439
APR		2.1	6.6		.0	.0	6.6	6.0	3.4			8.7	7196
MAY		2.3	5.6			.0	5.3	9.1	10.1			16.1	7439
JUN		3.1	4.5				4.5	6.5	9.6		.0	13.4	7200
JUL		2.5	2.9			.0	2.9	5.8	14.7			16.9	7440
AUG		1.8	3.5				3.5	9.5	19.4			23.0	7439
SEP		1.4	6.0				6.0	14.8	19.1			26.6	7199
OCT		.7	6.0				6.0	10.8	9.2		.0	16.7	7440
NOV		1.3	9.0	.0	.6	.0	9.4	12.2	3.9			14.5	7200
DEC		.6	11.7	.5	.9		12.8	13.9	3.2		.0	16.0	7434
TOTALS		1.6	6.9	.2	.5	.0	7.5	10.1	8.5	.0	.1	16.0	87636

## PART A

## ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WMAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than  $5/8$  mile.

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/44C

XXXXXXXXXXXXXXXXXXXX  
**WEATHER CONDITIONS**  
 XXXXXXXXXXXXXXXXXXXX  
 ATMOSPHERIC PHENOMENA

03930      LITTLE ROCK AFB AF      56-78      ALL  
 STATION      STATION NAME      YEARS      MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
 FROM DAILY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	6.6	37.7	6.1	12.9	.3	44.0	48.0	16.3	.6		42.2	682
FEB		9.1	35.6	2.1	9.2	.2	40.7	32.6	16.7	.3		37.4	629
MAR		16.1	43.1	1.7	5.3	.7	44.3	34.1	14.2	.1	.6	37.9	713
APR		23.6	46.1		.6	1.9	46.1	27.5	14.6			32.5	690
MAY		24.3	40.4			.6	40.4	32.3	25.0			39.4	713
JUN		27.0	36.4			.6	36.4	33.2	30.4			43.6	690
JUL		71.1	37.9			.6	37.9	36.5	33.1			45.9	713
AUG		23.4	31.0				31.0	40.7	40.5			50.4	713
SEP		13.9	34.6			.1	34.6	46.4	36.7			54.2	690
OCT		7.4	28.2			.1	26.2	35.6	27.3			42.1	713
NOV		9.4	35.2	.4	2.3	.3	35.7	37.7	21.3			41.2	690
DEC		5.8	39.3	2.0	5.6	.1	41.2	37.4	17.6	.1		42.2	713
TOTALS		16.5	37.1	1.7	3.0	.5	36.4	36.4	24.8	.1	.0	42.4	8349

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APPLICATIONS CENTER

## PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (\*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)
3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (\*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

\* Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (\*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800IST
Jan 46-May 47	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
PRECIPITATION  
(FROM DAILY OBSERVATIONS)

03970 LITTLE ROCK AFB AR

56-78

STATION

STATION NAME

YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	55.7	13.8	2.6	6.7	3.2	5.1	4.0	4.5	3.1	.6				30.5	682	4.01	11.45	.36
FEB	59.0	11.4	3.2	4.6	3.8	5.4	5.6	3.3	3.2	.5				29.6	629	3.39	9.89	.41
MAR	54.6	13.0	2.1	4.2	3.2	6.2	5.2	6.5	4.3	.7				32.4	713	5.18	9.58	1.01
APR	53.4	11.5	2.8	5.7	3.5	5.2	5.7	6.5	5.2	.4	.1			35.1	689	5.54	14.35	1.11
MAY	59.0	10.7	1.8	5.5	2.9	5.3	4.8	5.6	3.5	.8				30.3	713	4.84	13.49	.74
JUN	62.5	9.0	2.0	4.6	2.6	4.2	6.7	4.1	3.8	.6				26.6	690	4.14	8.93	.18
JUL	61.8	11.4	1.8	4.6	3.5	5.5	4.2	3.5	3.2	.4				26.8	712	3.56	6.80	1.00
AUG	67.9	9.3	1.7	3.1	3.2	4.8	3.6	3.1	2.9	.4				22.9	713	3.34	8.95	.11
SEP	64.8	10.4	1.0	3.3	2.8	4.1	4.3	4.5	3.0	1.7				24.8	690	4.89	9.75	.39
OCT	71.2	9.4	1.1	3.4	2.0	3.8	3.1	2.8	2.7	.6				19.4	713	3.12	9.20	.03
NOV	63.0	10.4	1.7	4.6	2.0	4.8	3.3	4.5	4.3	1.0	.1			26.5	690	4.91	11.13	1.08
DEC	58.6	11.9	2.0	5.0	2.4	5.6	4.9	5.6	3.2	.7				29.5	713	4.49	9.20	1.19
ANNUAL	61.0	11.0	2.0	4.6	3.0	5.0	4.6	4.5	3.5	.7	.0			28.0	8347	51.40		

1

### PRECIPITATION

FROM DAILY OBSERVATIONS.

56-78

YEARS



**TABLE 1**



USAF ETAC FORM 0-88-5 (OLI)

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FROM DAILY OBSERVATIONS

56-78

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USAF ETAC FORM 0-88-5 (OLI)

DATA PROCESSING BRANCH  
USAF ETAC  
AFW WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOWFALL  
(FROM DAILY OBSERVATIONS)

1970 LITTLE ROCK AFB AR

56-78

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-54	65-104	105-154	155-254	255-504	OVER 504					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	66.8	8.4	1.0	2.3	.9	.3	.1			.1				4.8	681	2.0	11.5	TRACE
FEB	91.1	5.4	1.5	.8	.3		.5	.3	.2					3.5	649	1.9	9.0	.0
MAR	85.4	3.1	.1	.7	.4	.1		.1						1.5	713	.8	6.1	.0
APR	99.7	.3													690	TRACE	TRACE	.0
MAY	100.0														713	.0	.0	.0
JUN	100.0														690	.0	.0	.0
JUL	100.0														712	.0	.0	.0
AUG	100.0														713	.0	.0	.0
SEP	100.0														690	.0	.0	.0
OCT	100.0														713	.0	.0	.0
NOV	97.5	1.3	.4	.3	.1		.1	.1						1.2	690	.6	7.2	.0
DEC	94.4	3.2	.7	.7	.4	.3			.3					2.4	713	1.3	7.9	.0
ANNUAL	97.1	1.8	.3	.4	.2	.1	.1	.0	.0	.0				1.1	8367	6.6		

GLOBAL CLIMATOLOGY BRANCH  
HAFETAF  
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# EXTREME VALUES

SNOWFALL

FROM JAN. 1 OBSERVATIONS

00730 LITTLE ROCK AFB AR  
STATION NAME

56-78

YEARS

## 24 HOUR AMOUNTS IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
56		TRACE	TRACE	.3	.0	.3	.3	.0	.0	.0	.0	.0	
57	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	TRACE	1.1
58	2.0	5.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.8	2.7	5.4
59	TRACE	.3	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.3
60	11.3	4.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8	11.3
61	.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.1
62	2.3	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.3
63	1.0	.6	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	7.6	7.6
64	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
65	TRACE	2.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
66	* 2.3	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	8.7
67	2.0*	TRACE	1.4	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0
68	.3	1.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
69	TRACE	6.2	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.5	6.2
70	2.4	.3	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
71	TRACE	.1	5.0	TRACE	.0	.0	.0	.0	.0	.0	5.2	3.1	5.2
72	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.7	1.7
73	3.5	.0	.0	TRACE	.0	.0*	.0	.0	.0	.0	.0	TRACE	3.5
74	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
75	.8	1.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.4
76	.7	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	4.3	TRACE	4.3
77	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.1
78	2.6	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.9
MEAN	1.55	1.53	.58	TRACE	.00	.00	.00	.00	.00	.00	.50	1.11	3.18
S.D.	2.522	2.485	1.284	.000	.000	.000	.000	.000	.000	.000	1.375	2.110	2.959
TOTAL OBS.	681	649	713	690	713	690	712	713	690	713	690	713	8367

NOTE \* (BASED ON LESS THAN FULL MONTHS)

\*\*\*\*\*  
 EXTREME VALUES  
 \*\*\*\*\*  
 MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

0792 LITTLE ROCK AFB AR  
STATION STATION

56-72

VEA25

NOTE \* (BASED ON LESS THAN FULL MONTHS)

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOW DEPTH  
(FROM DAILY OBSERVATIONS)

03930

LITTLE ROCK AFB AR

56-78

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01 0.4	05 1.4	15 2.4	25 3.4	35 4.4	45 5.4	65 10.4	105 15.4	155 25.4	255 50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	56.2	5.4	3.1	1.6	2.1	1.0	.6							8.4	702			
FEB	94.0	2.8	1.5	1.1		.6								3.2	650			
MAR	97.8	1.1	.4	.3	.3	.1								1.1	713			
APR	100.0														690			
MAY	100.0														713			
JUN	100.0														690			
JUL	100.0														713			
AUG	100.0														713			
SEP	100.0														690			
OCT	100.0														713			
NOV	99.1	.4	.3			.1								.4	690			
DEC	96.9	1.5	.6	.4	.3		.3							1.5	713			
ANNUAL	97.8	.9	.5	.3	.2	.1	.1							1.2	8390			

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AL- WEATHER SERVICE/MAC

# EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

STATION: LITTLE ROCK AFB AR  
STATION NAME

56-78

YEARS

## DAILY SNOW DEPTH IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
56	*	1	0	0	0	0	0	0	0	0	0	0	*
57	TRACE	0	0	0	0	0	0	0	0	0	TRACE	0	TRACE
58	0	2	0	0	0	0	0	0	0	0	1	3	3
59	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
60	7	6	3	0	0	0	0	0	0	0	0	0	7
61	2	0	0	0	0	0	0	0	0	0	0	0	2
62	7	0	0	0	0	0	0	0	0	0	0	TRACE	7
63	1	1	0	0	0	0	0	0	0	0	0	7	7
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	2	2	0	0	0	0	0	0	0	0	0	2
66	0	5	0	0	0	0	0	0	0	0	0	1	5
67	1	0	1	0	0	0	0	0	0	0	0	0	1
68	0	1	0	0	0	0	0	0	0	0	0	0	1
69	0	1	0	0	0	0	0	0	0	0	0	TRACE	1
70	2	0	0	0	0	0	0	0	0	0	0	0	2
71	0	TRACE	4	0	0	0	0	0	0	0	4	TRACE	4
72	0	TRACE	0	0	0	0	0	0	0	0	0	1	1
73	3	0	0	0	0	0	0	0	0	0	0	0	3
74	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
75	1	1	3	0	0	0	0	0	0	0	0	0	3
76	TRACE	0	0	0	0	0	0	0	0	0	1	0	1
77	2	0	0	0	0	0	0	0	0	0	0	0	2
78	4	4	0	0	0	0	0	0	0	0	0	0	4
MEAN	1.5	1.0	.6	.0	.0	.0	.0	.0	.0	.0	.3	.5	2.5
S.D.	2.155	1.732	1.199	.000	.000	.000	.000	.000	.000	.000	.864	1.563	2.283
TOTAL OBS.	702	650	713	690	713	690	713	713	690	713	690	713	8390

NOTE \* (BASED ON LESS THAN FULL MONTHS)

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- \*1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (\*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VREL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

\* Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

CRATO LITTLE ROCK AFB AR  
STATION NAME

56-78

YEARS

## DAILY PEAK GUSTS IN KNOTS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS	
56								W *34E	28NNW	46N	30WNW	32		
57	4NW 32NNW	27WSW	32W	40WSW	46SSW	36N	43NNW	27S	20SE	31NNW	33SSW	42	WSW 66	
58	WNW 35SW	42NW	29SW	*42W	32W	36W	32NNW	25WSW	27NNW	29WSW	32W	23	SW 42	
59	WNW 33NE	*20WSW	*32W	39W	32NW	27NNW	40SE	32NNW	37W	30W	35W	*27	WNW 40	
60	WNW 28S	41W	30W	43W	36SE	37W	32SW	*45NNW	29W	32SW	*36NNW	30	SW *45	
61	NW 30SSW	34W	40W	*43SSE	60W	32W	38SW	*26SSE	*35N	*32NNW	*38W	32	SSW 60	
62	WNW*34SW	29WSW	47WNW	40SE	35SW	36W	28NW	29ENE	23W	27WNW	*30WNW	*29	WSW 47	
63	NNW*30NNE	*29WNW	*30W	*32NE	*30NE	*22NE	*40ENE	*28N	*26SW	*29NW	*38W	43	W 43	
64	W	36W	35W	35NW	42N	35E	29ENE	49W	41NE	30NNE	31SSE	34S	28	ENE 49
65	WSW	43WNW	32WNW	34W	30SSE	26WNW	28NE	34NW	32NE	37WSW	28WNW	64W	37	WNW 64
66	SSW	24SE	35W	38SSE	40S	44SSW	32WSW	*34W	44N	22W	27WNW	35W	30	S 44
67	W	32SW	37N	40SW	30NNW	42SW	40N	37W	46NW	27SSW	30W	32W	43	W 46
68	N	27NW	30WSW	46S	31W	42NNE	2618/	2827/	26 7/	4229/	2825/	3328/	42	WSW 46
69	23/	4629/	3227/	3431/	2634/	32 3/	2542/	76 4/	2636/	2730/	2634/	3328/	30	23/ 46
70	20/	3532/	2833*	2925/	4720/	2325/	3035/	3136/	3029/	4423/	3529/	3235/	33	25/ 47
71	24/	3025/	4928/	40 1/	3021*	4113/	4322/	30 2/	2817/	2026/	3031/	2723/	43	25/ 49
72	23/	3123/	3429/	3021/	4014/	3131/	3730/	3728/	3833/	4024/	2428/	2629/	35	31/ 40
73	22/	4124/	3525/	4028/	3725*	5032/	4815/	4533/	42 8/	2533/	2426/	3432/	36	25* 50
74	30/	3625*	3822/	3522/	4723*	2723/	46 4/	40 1/	4418/	3829/	2723/	4124/	35	22/ 47
75	25/	4029/	3527/	4631/	4323/	5031/	5127/	3534/	3624/	4531/	2821/	3830/	26	31/ 51
76	26/	4128/	48 9/	42 4/	3227/	4030/	4026/	48 6/	2627/	24 2/	2521/	2834/	34	28/ 48
77	36/	3627/	5324/	5030/	35 9/	2928/	4016/	4325/	31 3/	3723/	3226/	3424/	47	27/ 53
78	30/	4626/	3628/	3227/	4529/	3831/	88 5/	2910/	3024/	2021/	2227/	2630/	29	31/ 88
MEAN	35.2	36.4	38.1	37.6	38.9	38.9	36.9	33.3	30.6	29.1	34.3	34.8	54.3	
S D	6.221	7.206	6.091	6.239	10.764	13.149	5.467	7.071	8.292	4.963	8.116	6.503	13.632	
TOTAL OBS.	672	582	632	637	637	651	663	664	670	699	659	691	7857	

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OUI)

S (BASED ON LESS THAN FULL MONTHS AND 100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATTN: WEATHER SE-VIC/AFAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: 00-00 STATION NAME: LITTLE ROCK AFB AR YEARS: 60-70 MONTH: JAN  
CLASS: ALL WEATHER MOYRS (L.S.T.): 0000-0200  
CONDITION:

SPEED (KNTS): Dir.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	2.0	3.4	.1								5.0	6.1
NNE	.5	1.5	1.7	.2								3.5	5.6
NE	1.4	1.6	1.7	.4			.1					5.3	6.4
ENE	1.5	2.0	1.3	.2	.1							5.5	5.3
E	1.5	1.9	.9									4.6	4.3
ESE	.5	.5										1.6	3.5
SE	.5	.9	.4									2.2	4.9
SSE	1.0	1.3	.2	.3								2.8	5.3
S	1.1	1.1	1.4	.1								3.7	5.4
SSW	1.1	.4	.5	.1								2.2	4.3
SW	.5	.5	1.0	.2								2.3	7.5
WSW	.5	1.5	.4	.4	.2							3.4	6.3
W	2.6	3.1	1.4	.3	.1			.1				7.6	5.7
WNW	1.1	1.4	.6	.6	.1							3.9	6.3
NW	1.0	1.5	.6	.1								3.2	4.8
NNW	.5	1.3	2.4	.5								5.1	6.8
VARBL													
CALM												35.3	
	19.1	23.8	17.3	3.6	.5		.1	.1				100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/440

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION LITTLE ROCK AFB AR STATION NAME 60-78 YEARS JAN MONTH 3300-0500 HOURS (L.S.T.)  
CLASS ALL WEATHER  
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.1	3.1	.8	.1							7.5	6.7
NNE	.5	1.7	1.7									3.5	5.8
NE	.6	1.8	1.6	.3	.1							4.7	6.6
ENE	1.4	1.6	.9	.4								4.6	5.6
E	1.4	2.4	1.5	.2								5.5	5.4
ESE	.5	.8	.7	.1								1.7	5.2
SE	.7	.7	.7	.2								1.9	5.2
SSE	1.4	1.1	.5									3.1	4.4
S	.5	2.0	1.4									4.0	5.7
SSW	.5	.4	.1	.1								1.2	5.0
SW	.1	.5	.4	.4								1.6	6.1
WSW	.6	.9	.1	.4	.1							2.2	6.3
W	4.4	3.2	1.1	.5	.1							9.5	4.6
WNW	1.0	1.7	.5	.6	.1							4.5	6.3
NW	1.1	1.0	.6	.5								3.2	6.0
NNW	1.1	1.7	1.6	.5								4.9	6.6
VARBL													
CALM												36.7	
	17.7	24.5	15.6	4.9	.5							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFWPC/SE-110/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LITTLE ROCK AFB AR TIME 59-78 DATE JAN  
STATION NAME ALL WEATHER CODE 7630-3800  
CLAS MOON (LST)  
CRON

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	3.2	2.6	.6								5.7	6.1
NNE	1.4	1.5	1.2	.1								4.2	5.4
NE	1.7	2.9	2.7	.3	.1							6.7	6.2
ENE	.6	1.3	.5	.4								3.2	6.4
E	1.2	2.2	1.2	.1	.1							4.7	5.3
ESE	.6	.6	.1	.1								1.6	5.3
SE	.4	1.3	.6	.1								2.5	5.6
SSE	1.2	1.2	.3									2.7	4.2
S	.6	2.2	1.5	.2								4.5	6.0
SSW	.6	1.1	.2	.2								2.3	5.0
SW	.4	.5	.1	.4								1.6	6.3
WSW	.6	.5	.4	.1								1.6	5.4
W	2.9	3.3	1.3	.5								8.4	5.1
WNW	1.3	1.7	.6	.3								3.3	5.3
NW	1.2	1.1	1.1	1.3	.2							4.8	7.6
NNW	1.2	1.7	1.2	.3								4.4	5.7
VARBL													
CALM												34.5	
	17.5	26.6	15.7	5.3	.4							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFW WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 09-32 STATION NAME LITTLE ROCK AFB AF YEARS 69-78 MONTH JAN  
CLASS ALL WEATHER  
CONDITION 0900-1100  
HOURS (LST)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	4.0	4.4	.9	.1							9.7	7.4
NNE	.3	1.5	2.2	.4								4.9	6.9
NE	1.0	1.7	2.4	.9								5.8	7.0
ENE	1.9	1.7	2.0	.2								6.7	5.7
E	1.7	2.3	2.3	.4								6.7	5.9
ESE	.5	2.7	1.1	.1	.1							3.9	6.1
SE	.4	1.2	1.0	.1								3.1	5.4
SSE	.3	2.3	1.6	.2								4.4	6.3
S	.6	2.2	4.0	.3								7.3	6.6
SSW	.9	1.7	2.2	.5	.2							4.7	7.3
SW	.8	1.3	1.2	1.2	.3							4.7	8.4
WSW	.6	1.4	.2	.3	.2	.1						2.9	7.4
W	1.4	1.5	1.7	.4	.2	.1						5.4	6.9
WNW	.9	1.3	2.0	1.7								5.9	8.2
NW	.9	1.0	1.5	1.3								4.6	8.0
NNW	1.3	1.4	3.5	1.7	.1							8.1	8.2
VARBL													
CALM												11.2	
	14.9	27.6	34.1	10.6	1.3	.2						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 07420 STATION NAME LITTLE ROCK AFB AF YEARS 69-78 MONTH JAN  
CLASS ALL WEATHER  
CONDITION 1200-1400  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.2	3.3	1.4								8.7	7.2
NNE	.4	1.2	1.6	.6								3.9	7.3
NE	1.0	2.0	2.2	.3	.1							5.6	6.5
ENE	.8	1.3	1.9	.3								4.3	6.5
E	.6	1.7	1.9	.2								4.7	6.4
ESE	.6	1.8	1.7	.4								4.1	6.1
SE	.9	1.6	1.2	.4								4.1	6.2
SSE	.2	3.7	2.7	.4								7.5	6.4
S	1.1	3.3	3.7	.4	.1							8.6	6.7
SSW	1.1	1.9	1.8	1.1		.1						6.0	7.6
SW	.4	.9	1.2	2.3	.5	.2						5.5	11.2
WSW	.5	.8	.5	.6	.5							3.0	9.4
W	.6	1.5	1.7	1.3	.2							5.4	8.5
WNW	.2	.9	2.3	1.8	.4	.1						5.7	10.0
NW	.5	1.9	2.2	2.2	.4	.1						7.3	9.2
NNW	.6	2.4	3.4	.3		.1						7.5	7.4
VARBL													
CALM												8.1	
	12.7	29.0	32.6	14.6	2.4	.6						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03430 LITTLE ROCK AFB AF 69-78 JAN  
STATION STATION NAME YEARS MONTH  
1500-1700  
HOURS (LST)  
ALL WEATHER  
CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.7	3.5	1.0								8.4	6.9
NNE	.4	1.2	1.4	.2								3.2	6.7
NE	1.3	1.3	2.2	.4								5.2	6.5
ENE	1.0	2.7	2.2	.6								6.5	6.7
E	1.2	2.6	1.8	.6								6.2	6.1
ESE	.6	2.2	1.9	.2								4.9	6.0
SE	1.7	2.5	2.3	.2								6.8	5.7
SSE	1.5	4.9	2.7	.4								9.6	5.9
S	.8	4.4	2.3	.1								7.7	5.8
SSW	.5	1.5	1.8	.8	.1		.1					4.8	7.9
SW	.1	.8	1.3	1.1	.4	.2						3.9	11.1
WSW	.5	.4	1.0	1.3	.2	.2						3.6	10.1
W	.6	.9	1.4	1.4								4.3	8.5
WNW	.5	2.3	2.9	1.3	.3							7.3	8.1
NW	.5	1.2	2.5	.9	.3							5.4	8.8
NNW	1.1	2.2	1.9	1.1	.2							6.5	7.5
VARBL													
CALM												5.6	
	13.3	33.9	33.0	11.6	1.6	.4	.1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 SAFETYAC  
 ALL WEATHER SL VIOLE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LITTLE ROCK AFB AR YEARS 69-76 MONTH JAN  
 CLASS ALL WEATHER 1900-2000  
 HOURS (L & T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.0	2.2	.9								8.2	5.8
NNE	.5	1.4	1.7	.1								3.0	5.7
NE	1.3	2.2	1.5	.1								5.4	5.2
ENE	1.5	2.3	1.8	.1								5.8	5.4
E	1.1	4.1	1.6	.3								7.1	5.8
ESE	1.4	2.2	.4	.2								4.2	4.8
SE	2.3	1.4	1.4									5.1	4.6
SSE	2.2	1.9	1.7									5.1	4.4
S	1.7	3.0	1.3	.1								5.7	5.1
SSW	.4	1.7	1.3	.1								3.0	5.9
SW	.4	.8	.8	.1	.2							2.3	7.2
WSW	.6	.6	.4	.2								1.9	5.7
W	1.2	2.6	.8	.4	.1	.2						5.3	6.4
WNW	.0	1.5	.9	.3								3.4	5.8
NW	1.1	1.2	1.7	.3	.2							3.8	6.7
NNW	1.1	1.1	1.8	1.1								5.1	7.1
VARBL													
CALM												25.8	
	20.1	30.0	19.0	4.3	.5	.2						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

07430 LITTLE ROCK AFB AR 69-78 JAN  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
2100-2300  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.4	2.7	.4								5.7	6.0
NNE	.5	2.3	1.7	.2								4.5	5.7
NE	.5	2.2	1.4	.2								4.3	5.9
ENE	1.6	2.8	2.5	.1								7.0	5.6
E	1.4	2.3	.9	.4								4.9	5.3
ESE	1.4	1.2	.6	.1	.1							3.4	5.1
SE	1.3	1.0	.3									2.3	4.2
SSE	1.2	1.7	.9	.2								3.1	5.3
S	1.5	2.8	1.0	.1								5.4	4.9
SSW	.3	.9	.6	.2	.1							2.2	7.1
SW	.3	1.1	.5	.1	.2							2.3	7.0
WSW	.2	.5	.5									1.8	4.6
W	1.4	1.5	1.2	.4	.1							5.1	5.4
WNW	1.7	1.6	1.1	.5	.2							4.4	7.0
NW	.5	1.2	1.1	.2								3.0	6.4
NNW	1.0	2.3	1.9	1.0								6.1	7.0
VARBL													
CALM												34.5	
	16.7	26.3	17.4	4.3	.8							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AD. WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 07430 STATION NAME LITTLE ROCK AFB AR YEARS 69-78 MONTH JAN  
CLASS ALL WEATHER HOURS (L.S.T.) ALL  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.8	3.1	.7	.0							8.1	6.6
NNE	.7	1.6	1.3	.2								3.9	6.2
NE	1.1	2.0	1.8	.4	.0		.0					5.4	6.3
ENE	1.3	2.7	1.9	.3	.0							5.4	5.9
E	1.3	2.4	1.5	.3	.0							5.6	5.6
ESE	.8	1.4	.7	.2	.0							3.2	5.5
SE	1.1	1.3	.9	.1								3.5	5.3
SSE	1.2	2.2	1.2	.2								4.8	5.5
S	1.0	2.6	2.1	.2	.0							5.9	5.9
SSW	.7	1.7	1.1	.4	.1	.0	.0					3.3	6.8
SW	.4	.8	.8	.7	.2	.1						3.0	8.9
WSW	.7	.8	.5	.4	.2	.0						2.6	7.3
W	2.0	2.3	1.3	.7	.1	.0		.0				6.4	6.1
WNW	.8	1.5	1.4	.9	.1	.0						4.7	7.4
NW	.8	1.2	1.3	.8	.1	.0						4.4	7.6
NNW	1.0	1.7	2.2	.9	.0	.0						6.0	7.2
VARBL													
CALM												24.0	
	16.6	27.7	23.1	7.4	1.0	.2	.0	.0				100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1385 LITTLE ROCK AFB AR YEARS 69-78 FEB NORTH  
CLASS ALL WEATHER 0000-2200  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.2	1.7	.9								6.9	6.2
NNE	1.2	.9	.7	.5								3.2	6.0
NE	.1	1.1	1.9	.5								3.5	7.8
ENE	1.3	1.5	1.7	.4								4.8	5.8
E	1.5	2.1	1.3									5.0	5.7
ESE	.2	.9	.5	.1								1.8	5.8
SE	.7	.2	.2									1.2	3.9
SSE	.6		.6	.2								1.7	6.2
S	2.4	2.1	.6	.2								5.6	4.6
SSW	.4	1.2	1.3	.2								3.1	7.0
SW	.1	.5		.4	.1							1.4	7.8
WSW	.7	2.1	.4	.1								3.3	5.3
W	2.3	2.5	1.4	1.5	.4	.1		.1				7.0	7.4
WNW	1.2	.6	1.1	.7	.4							3.9	8.0
NW	.8	1.2	.9	.6	.1							3.7	7.1
NNW	.7	.7	1.7	.8								3.9	7.7
VARBL													
CALM												36.2	
	17.0	20.3	16.1	7.2	.9	.1		.1				100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LITTLE ROCK AFB AR YEARS 69-78 MONTH 0300-0500  
STATION NAME CLASS ALL WEATHER HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	2.0	1.5	1.7								6.1	7.5
NNE	.6	1.1	.7	.4								2.7	6.3
NE	.9	1.3	1.2	1.1	.1							4.6	7.5
ENE	.5	1.9	2.1	.2	.1							5.2	6.4
E	1.1	2.5	.4	.1								4.0	4.6
ESE	.7	.1	.4	.1								1.5	4.5
SE	.1	.1	.7	.1								1.4	6.2
SSE	.6	.5	.5	.1								1.7	5.6
S	1.1	2.6	.7	.1								4.5	4.9
SSW	.4	.0	1.5	.1								2.8	7.0
SW	.5	.4	.7	.7	.2							2.6	8.5
WSW	1.3	.9	.2	.4								2.6	5.2
W	1.7	1.7	1.3	1.2	.6	.2						6.6	8.0
WNW	1.4	.7	1.3	1.2	.2							4.8	7.9
NW	.5	1.4	.2	.6								3.7	6.5
NNW	1.5	1.4	1.4	.5	.1							5.0	6.1
VA281													
CALM												39.8	
	15.1	19.4	15.6	8.5	1.1	.2						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION LITTLE ROCK AFB AR STATION NAME 69-78 TELER FEB  
CLASS ALL WEATHER MONTH FEB  
CONDITION 0600-0800  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.5	2.4	1.1								6.0	7.4
NNE	.5	.5	1.5									3.2	6.5
NE	1.1	1.5	1.9	.5								5.3	6.6
ENE	2.0	2.4	1.3	.4	.2							5.3	5.9
E	1.2	2.1	.6	.1								4.4	5.2
ESE	.6	.7	.2									1.5	4.6
SE	.7	.4	.4	.4								1.6	6.1
SSE	.5	.4	.6									2.1	5.4
S	2.1	1.0	.6	.4								5.0	4.7
SSW	.4	.5	1.7	.1								3.0	7.4
SW	.2	.2	.7	.4								1.5	6.2
WSW	.5	.9	.6	.4	.2							2.5	7.8
W	1.7	1.9	.6	.7	.4							5.6	6.5
WNW	.4	2.2	1.9	1.1	.2							5.8	8.0
NW	1.2	1.9	1.2	.2								4.5	5.5
NNW	.4	1.7	1.9	.6								4.5	7.2
VARBL													
CALM												37.1	
	14.7	21.6	19.3	6.3	1.1							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY DATA ON  
SAFETY  
ALL WEATHER SERVICE/MAL

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LITTLE ROCK AFB A YEARS 69-78 MONTH FEB  
CLASS ALL WEATHER DATES 3900-1100  
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.0	4.4	1.3								8.2	7.9
NNE	.	.8	1.0	.6								4.1	7.3
NE	.7	1.8	2.1	.8								5.3	7.1
ENE	1.7	2.7	2.7	1.5	.1							8.0	7.2
E	1.1	2.8	1.6	.7								6.5	6.3
ESE	.6	1.9	1.1	.5								4.4	5.9
SE	.7	1.4	1.5	.1								3.8	6.0
SSE	.6	1.1	.9	.2								2.7	6.3
S	.6	3.2	3.7	.9	.1							8.4	7.3
SSW	.2	2.7	2.5	1.5	.4							7.3	8.2
SW	.8	1.4	1.5	2.0	.2							6.8	8.5
WSW	.4	1.3	.6	.6	.5	.1						4.0	10.0
W	.4	.8	1.4	.8	.2							3.7	8.7
WNW	.6	.2	2.5	2.5	.2							6.0	10.3
NW	.5	1.1	3.1	2.2	.2							7.1	9.5
NNW	.2	.7	4.0	2.2	.1							7.3	9.4
VARBL													
CALM												7.1	
	10.5	25.1	36.1	18.7	2.5	.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR-WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION LITTLE ROCK AFB AR YEARS 69-76 MONTH FEB  
STATION NAME ALL WEATHER DATE 1200-1400  
CLASS ALL WEATHER HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.4	3.7	1.4	.1							6.6	8.3
NNE	.5	.8	1.3	.4								3.0	7.0
NE	.7	1.2	1.7	.2								3.6	6.3
ENE	1.1	1.4	2.6	1.8								6.9	8.2
E	1.7	2.1	3.7	.6								7.0	6.6
ESE	.5	1.3	1.4	.4								3.5	7.0
SE	.5	2.2	1.2	.6								4.8	6.2
SSE	.5	2.1	2.5	.5								5.6	7.0
S	.9	2.4	5.2	1.1	.1							9.7	7.6
SSW	.5	1.3	2.8	1.9	.1							6.6	9.0
SW	.6	.5	1.4	3.4	.6	.1						6.7	11.4
WSW	.2	.5	1.3	.5	.4	.1	.1					3.8	10.4
W	.7	.4	1.9	3.1	.5	.2						6.4	11.8
WNW	.5	1.2	3.7	2.8	.2	.1						6.5	7.9
NW	.5	1.1	3.1	1.4	.1							6.1	9.1
NNW	.7	1.5	3.4	1.4	.2							7.3	3.5
VARBL													
CALM												3.7	
	10.2	21.9	39.4	21.7	2.5	.6	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 346

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
DIA AIR FORCE SERVICEMAN

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION: LITTLE ROCK AFB AR YEARS: 69-78 FES: 1500-1700  
STATION NAME: ALL WEATHER MONTHS: 1500-1700  
CLASS: ALL WEATHER  
CONDITION: ALL WEATHER

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.9	2.1	.6								5.6	7.0
NNE	.7	1.1	1.1									2.8	5.5
NE	.7	.9	1.1	.6								3.3	6.7
ENE	.6	2.7	3.1	.9								6.9	7.1
E	.1	3.4	3.3	1.3								8.5	7.5
ESE	.4	1.3	1.5									3.2	6.1
SE	.5	3.2	2.7	.9								7.3	7.0
SSE	.6	2.2	2.5	.7								5.0	7.0
S	.6	2.3	3.3	.4	.1							7.4	7.0
SSW	.6	.7	2.1	1.4	.1							5.0	8.6
SW	.2	.6	1.9	2.8	.2	.1						6.3	10.5
WSW	.3	.6	1.7	1.5	.7	.1						4.5	11.6
W	.9	1.8	2.0	2.1	.7	.4						7.9	9.8
WNW	.2	.9	3.0	3.4	.7	.4						6.6	11.3
NW	.6	.9	2.5	1.5	.1							5.7	9.0
NNW	.8	3.0	2.4	.9	.5							7.6	7.6
VARIABLE													
CALM												3.4	
	9.5	27.8	35.8	19.4	3.2	.9						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION: LITTLE ROCK AFB AR STATION NAME: ALL WEATHER YEARS: 69-78 MONTH: FEB  
 CLASS: 1800-2000  
 COMMENTS: NOISE (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	3.7	1.5	.5								5.6	5.3
NNE	.7	1.1	.5									2.6	5.5
NE	.7	1.2	2.5									3.4	6.7
ENE	1.2	3.5	2.4	.2								7.6	5.6
E	1.0	6.2	3.1	.5								9.5	6.0
ESE	1.5	1.5	.5	.2								4.0	5.1
SE	.5	2.4	.5	.1								3.9	4.9
SSE	2.0	2.7	1.2	.4								7.1	4.6
S	2.7	1.7	.7	.1								5.2	4.0
SSW	.2	1.5	1.3	.1								4.0	5.8
SW	.5	.2	1.1	.5	.1							2.2	9.1
WSW	.5	.7	.5	.5	.1	.1						2.5	8.2
W	2.0	1.3	1.5	1.4	.5							7.4	7.4
WNW	.5	1.4	1.2	2.4								5.4	9.3
NW	1.2	.9	1.3	.9	.2							4.4	7.5
NNW	.5	.9	1.3	.9	.1							4.1	7.9
VARBL													
CALM												20.8	
	19.3	25.6	21.4	5.7	1.1	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 846

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	SEC-TS	FEES
		YES/NO	AMOUNT
	ALL LEATHER		2100-2300
	CLASS		IMPORT (L.S.T.)
	DESCRIPTION		

SPEED (KNTS) DIR.	1-3	4-5	7-10	11-14	17-21	22-27	28-33	34-43	44-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	2.5	2.7	.7								7.7	5.2
NNE	.7	1.4	.1	.2								2.5	4.9
NE	.5	1.7	1.5	.2								2.9	5.3
ENE	1.4	2.3	1.1	.5								5.3	6.2
E	1.5	2.2	2.7	.2								5.0	5.4
ESE	.5	.5	.8	.1								2.4	5.6
SE	.7	.4	.5									1.5	5.6
SSE	1.4	1.4	1.1	.5								5.4	5.7
S	1.4	3.1	1.3	.2								6.4	5.0
SSW	.4	1.2	.5									2.6	5.0
SW		.7	.9	.2								1.9	7.4
WSW	.7	.3	.2	.5	.1							2.0	8.5
W	1.4	1.6	1.1	.9	.4	.5	.1					6.5	8.7
WNW	.9	1.1	1.3	1.4	.1							4.6	8.5
NW	.7	.7	1.3	.6	.1							3.4	8.3
NNW	1.1	1.1	1.1	.9								4.1	7.1
VARB.													
CALM												31.6	
	10.8	22.0	19.6	7.6	.7	.3	.1					105.0	4.5

TOTAL NUMBER OF OBSERVATIONS 426

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIF WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 67-70 LITTLE ROCK AFB AR 69-78 YEARS FEB MONTH  
CLASS ALL WEATHER  
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.0	2.4	1.1	.7							6.6	7.1
NNE	.7	1.0	1.0	.3								3.0	6.2
NE	.4	1.4	1.7	.5	.7							4.2	6.9
ENE	1.4	2.2	2.4	.7	.1							6.7	6.6
E	1.3	2.7	2.0	.4								6.4	6.0
ESE	.8	1.0	.8	.2								2.8	5.7
SE	.6	1.3	1.0	.3								3.2	6.1
SSE	1.7	1.3	1.3	.3								3.9	6.0
S	1.3	2.7	1.0	.4	.7							6.5	6.0
SSW	.5	1.7	1.7	.7	.1							4.3	7.6
SW	.4	.7	1.0	1.3	.2	.0						3.6	9.5
WSW	.4	1.0	.7	.6	.3	.1	.0					3.2	8.6
W	1.4	1.6	1.5	1.5	.5	.2	.0	.0				6.6	8.5
WNW	.7	1.0	2.0	1.9	.3	.1						6.0	9.4
NW	.3	1.1	1.8	1.0	.1							4.8	8.0
NNW	.5	1.4	2.1	1.0	.1							5.5	7.9
VARBL													
CALM												22.7	
	14.0	23.6	25.4	12.3	1.7	.3	.0	.0				100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 6768

GLOBAL CLIMATOLOGY SEARCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LITTLE ROCK AFB AR YEARS 69-78 MONTH MAR  
CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200  
CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.5	2.4	.5								6.7	6.3
NNE	.9	1.4	1.3	.1								3.5	5.8
NE	.5	1.5	1.3	.3								4.0	5.8
ENE	1.0	1.3	1.0	.2								4.0	5.5
E	1.5	1.5	.5									4.5	5.0
ESE	.4	1.5	.0	.2								3.0	6.1
SE	1.1	.6	.4	.2								2.4	5.3
SSE	1.5	.6	1.1	.2								3.4	5.4
S	1.4	3.4	2.5	.4								7.7	6.1
SSW	.9	.9	2.2	.3								4.2	6.9
SW	.2	.6	1.3	1.0	.1	.1						3.3	9.6
WSW	.2	.6	.4	.5	.1							2.5	7.4
W	3.1	2.5	.6	.4	.1	.2						7.0	5.1
WNW	.3	1.7	1.1	.4	.4							4.0	8.2
NW	1.6	1.0	1.1	.8								4.4	6.1
NNW	.8	1.4	1.3	.9								4.3	7.1
VARBL													
CALM												31.1	
	17.4	23.7	20.2	6.6	.8	.3						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 07500 STATION NAME LITTLE ROCK AFB AF YEARS 69-78 MONTH MAR  
CLASS ALL WEATHER  
HOURS (L.S.T.) 0300-0500  
CONDITION \_\_\_\_\_

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.2	1.5	.6								5.6	6.1
NNE	.7	1.2	1.2	.1								2.7	6.5
NE	1.1	2.6	1.6	.8								6.0	6.3
ENE	1.3	1.3	1.3	.6								4.5	6.2
E	1.2	1.1	1.6	.2								4.1	6.2
ESE	.6	1.1	.8	.1	.1							2.7	6.1
SE	.8	.3	.2	.4								1.7	6.4
SSE	1.2	.8	1.1	.1								3.1	5.1
S	1.5	2.0	1.4	.1								5.1	5.2
SSW	.5	1.8	2.2	.5								5.3	6.8
SW	.2	.8	1.0	.5	.5							3.0	10.2
WSW	.9	.4	.2	.6	.3	.1						2.6	9.3
W	1.0	2.5	1.3	.6								6.3	5.5
WNW	1.1	1.7	1.1	.9	.3							5.1	7.2
NW	1.0	1.4	1.7	1.0	.1							5.2	7.1
NNW	.8	1.1	.4	.9	.1							3.2	7.2
VARBL													
CALM												33.9	
	15.8	22.0	18.5	9.2	1.5	.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF. LEATHER SE VICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 07871 LITTLE ROCK AFB AR 69-78 MAR  
STATION NAME YEARS MONTH  
CLASS ALL WEATHER  
HOURS (L.S.T.) 0600-0800  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.7	2.3	.8								6.0	6.7
NNE	.6	.8	1.6	.1								3.1	6.4
NE	.8	1.8	1.5	.3								4.4	6.6
ENE	1.2	1.5	3.0	.4								6.1	6.7
E	.7	1.2	1.8	.6								4.0	7.8
ESE	.9	.4	.9	.3								2.5	6.2
SE	1.0	1.5	1.1	.4								4.0	6.1
SSE	1.0	1.0	.6	.2								2.8	5.0
S	1.7	3.5	3.1	.4								8.8	5.9
SSW	.6	2.0	1.7	.5	.1							5.1	7.0
SW	.1	1.0	1.0	.4	.1							2.6	8.0
WSW	.5	.9	.6	.6								2.7	7.2
W	1.8	2.4	1.3	.6	.1							6.2	5.7
WNW	1.5	.9	2.2	1.5	.2							6.2	8.3
NW	.5	1.6	1.9	1.1								5.2	7.7
NNW	.6	1.5	1.6	.3								4.2	6.7
VARBL													
CALM												26.1	
	14.5	23.8	26.2	8.8	.5							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 09800 STATION NAME LITTLE ROCK AFB A- YEARS 69-78 MAP NORTH  
CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100  
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
N	.5	1.7	4.1	.9								6.6	8.2
NNE	.4	1.7	2.0	.2	.1							3.8	7.8
NE	.4	1.5	1.9	.8	.1							4.2	8.2
ENE	.2	1.5	2.9	1.2								5.9	8.1
E	.5	2.7	3.4	1.3								5.1	7.9
ESE	.2	.9	.9	.4								2.5	7.2
SE	.5	1.2	1.7	1.1	.2							4.7	8.4
SSE	1.1	1.5	3.2	.2	.2							6.6	7.2
S	.5	3.3	5.3	1.4	.1	.1						10.8	8.0
SSW	.2	1.7	3.0	1.4	.4	.4						7.2	9.8
SW	.5	1.7	2.0	2.7	.2	.2						7.4	9.6
WSW	.3	.6	1.0	1.4								3.3	9.4
W	.5	1.3	.9	1.9	.4	.2						5.1	10.4
WNW	.2	1.5	2.2	3.5	.6							8.2	10.8
NW	.2	1.8	2.0	1.7	.1							5.9	8.7
NNW	.1	1.3	3.7	1.6	.1							6.8	9.1
VARBL													
CALM												3.1	
	7.2	24.1	40.2	21.7	2.7	1.0						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF-WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LITTLE ROCK AFB AR YEARS 69-78 MONTH YEAR  
STATION NAME CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.2	3.0	1.1	.2							7.2	7.6
NNE	.6	.8	1.3	.1								2.7	6.3
NE	.3	1.1	2.5	1.0								4.8	8.0
ENE	.3	1.0	2.0	.9								4.2	7.9
E	.5	2.5	2.9	2.0	.1							8.2	8.2
ESE	.2	1.2	1.8	.6								4.0	7.5
SE	.2	1.2	3.0	.9								5.3	8.3
SSE	.0	1.1	2.8	1.4	.3							6.3	8.8
S	.3	2.8	4.7	2.8	.7							11.0	9.0
SSW	.2	.8	2.7	1.7	.4	.2	.1					6.1	11.4
SW	.2	.5	1.9	2.7	1.1	.2						6.7	12.1
WSW	.1	.5	.9	1.7	.3	.1						3.7	11.3
W	.5	1.4	2.6	2.0	.8	.2	.1					7.6	10.7
WNW	.3	.5	2.6	3.2	1.1	.1						7.8	11.9
NW	.1	1.8	1.9	2.4	.1							6.3	9.4
NNW	.2	2.3	3.5	.6								6.7	7.7
VARBL													
CALM												1.4	
	5.9	21.5	40.2	25.2	4.7	.9	.2					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SE-VICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 01930 STATION NAME LITTLE ROCK AFB AR YEARS 69-78 MONTH MAR  
CLASS ALL WEATHER 1530-1700  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.2	2.6	1.1								6.8	7.4
NNE	.7	1.1	1.7	.1								3.1	7.2
NE	.2	1.2	2.2	.1								3.4	7.3
ENE	.1	1.4	2.3	1.0								4.7	8.1
E	.3	1.3	3.9	1.4								6.9	8.3
ESE	.5	2.5	2.7	.8								6.5	7.1
SE	.6	1.5	2.9	1.2	.1							6.4	8.0
SSE	.5	2.5	3.7	.3	.1							7.1	7.3
S	.6	1.9	5.3	2.2								13.0	8.4
SSW	.1	.3	2.2	2.0	.4							5.5	10.7
SW	.1	.8	2.0	2.2	.5	.2	.1					5.9	11.3
WSW	.2	.6	.9	1.2	.2	.1						3.2	10.4
W	.3	.9	1.3	1.6	.3	.3						5.4	11.9
WNW	.5	1.1	2.9	4.4	.9	.1						9.9	11.2
NW	.3	1.8	1.9	1.3	.2							5.6	8.6
NNW	.5	1.6	2.6	.9	.3							5.9	8.3
VARBL													
CALM												3.7	
	5.4	22.3	40.9	21.9	3.6	.8	.1					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03930      LITTLE ROCK AFB AF      69-78      MAR

STATION      STATION NAME      YEARS      MONTH

ALL WEATHER      1800-2000

CLASS      HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	2.3	3.1	.5								8.5	6.0
NNE	.6	1.3	1.5	.2								3.9	5.9
NE	.6	1.2	.6	.4								2.9	6.1
ENE	1.2	1.9	2.2	.9								6.1	6.8
E	.6	3.1	2.9	.5	.1							7.5	6.9
ESE	1.4	1.6	1.9	.4	.1							5.5	6.4
SE	1.5	2.3	1.7									6.0	5.3
SSE	1.9	2.6	2.5	.4								7.3	5.9
S	2.9	4.9	2.5	.1								10.4	5.2
SSW	.5	2.2	2.5	.5								5.3	6.5
SW	.1	.6	.5	.9	.1							2.2	9.2
WSW	.2	.5	.4	.4	.1	.1						1.9	8.9
W	1.3	1.2	1.7	1.5	.2	.2						5.4	8.4
WNW	.5	1.4	2.0	1.6	.1							5.7	8.8
NW	.6	.9	1.3	.2								3.0	6.8
NNW	1.2	1.7	.9	.4	.1							4.3	6.3
VARBL													
CALM												14.1	
	13.1	30.3	27.1	9.2	.9	.3						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS      930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION LITTLE ROCK AFB AR YEARS 69-78 MAP 2100-2300  
STATION NAME ALL WEATHER MONTH NOVEMBER (L.S.T.)  
CLASS ALL WEATHER  
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	2.7	1.5	.5								6.7	5.9
NNE	.7	.5	1.3	.3								2.7	6.9
NE	.5	1.0	1.3	.4	.1							4.5	6.4
ENE	1.2	1.4	2.7	.5								5.2	6.4
E	1.1	3.3	1.2	.3								5.9	5.7
ESE	1.1	1.3	1.1	.6								4.1	6.2
SE	1.7	1.4	.5	.3	.2							4.4	5.7
SSE	1.7	1.5	1.2									4.5	4.6
S	2.5	5.3	2.5	.2								10.0	5.2
SSW	.5	1.4	1.5	.5	.7							5.2	7.5
SW	.1	.5	.3	.2								1.2	7.1
WSW	.5	.5	.4	.4	.1							2.2	7.4
W	1.4	2.5	.6	1.0	.2							5.7	6.6
WNW	.4	1.6	1.4	.8	.1							4.3	7.6
NW	1.7	1.5	1.4	.3	.2							5.2	6.0
NNW	.5	1.4	1.3	.2	.1							3.8	6.6
VARBL													
CALM												24.6	
	17.7	29.2	19.6	7.3	1.3							100.5	4.7

TOTAL NUMBER OF OBSERVATIONS 930

1  
 CENTRAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 01 31 STATION NAME LITTLE ROCK AFB A YEARS 60-78 MONTH VAR  
 CLASS ALL WEATHER ALL ALL  
 CONDITION ALL MONTHS (L.S.T.)

SPEED (KNTS) DIR	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	2.1	2.6	.8	.0							6.7	6.7
NNE	.5	1.7	1.4	.2	.0							3.2	6.6
NE	.5	1.5	1.6	.5	.0							4.3	6.8
ENE	.5	1.5	2.1	.7								5.1	7.0
E	.5	2.1	2.4	.8	.0							6.1	7.2
ESE	.7	1.3	1.4	.4	.0							3.6	6.7
SE	.5	1.3	1.5	.6	.1							4.4	6.8
SSE	1.2	1.5	2.0	.4	.1							5.1	6.5
S	1.4	3.4	3.3	1.0	.1	.0						9.2	6.8
SSW	.5	1.4	2.2	1.0	.2	.1	.0					5.5	8.6
SW	.0	.3	1.3	1.3	.3	.1	.0					4.0	10.2
WSW	.4	.6	.5	.9	.1	.1						2.8	9.1
W	1.4	1.8	1.7	1.3	.3	.1	.0					5.1	8.0
WNW	.6	1.3	1.9	2.0	.5	.0						6.4	9.7
NW	.5	1.5	1.7	1.1	.1							5.1	7.7
NNW	.6	1.5	1.9	.7	.1							4.9	7.5
VARBL													
CALM												17.2	
	12.5	24.7	29.1	13.6	2.0	.4	.0					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFD WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LITTLE ROCK AFB AR YEARS 60-78 APP APR  
STATION NAME ALL WEATHER NORTH 0000-0200  
CLASS                      HOURS (L.S.T.)                       
CONDITION                     

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	.0	.7									2.3	5.3
NNE	.0	.0	.9	.2								2.2	6.4
NE	.5	.0	1.7	.2								3.3	6.6
ENE	.0	3.3	1.0									4.9	5.1
E	1.2	2.6	.6	.1								4.4	4.7
ESE	.0	.6	.1	.2								1.3	5.9
SE	1.3	.4	.7	.2								2.7	5.2
SSE	1.0	1.4	1.0	.2								3.7	5.5
S	2.0	3.9	2.4									9.2	5.0
SSW	.7	2.3	2.7	1.0								6.7	7.4
SW	.1	1.1	1.4	.6								3.2	6.0
WSW	.2	.8	1.1									2.2	6.1
W	2.4	2.4	.7	.6	.6	.1						7.0	6.7
WNW	.2	1.2	.2	.7	.4							3.0	9.3
NW	.7	1.1	.1	.4	.1							2.4	6.3
NNW	.0	1.1	.7	.1								2.6	5.2
VARBL													
CALM												36.5	
	14.8	24.7	16.2	4.8	1.1	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/TAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LITTLE ROCK AFB AF STATION NAME 69-78 YEARS APR  
 ALL WEATHER 0300-0500  
 CORRECTION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.5	.2	.3								1.7	5.7
NNE	.6	.3	1.0	.2								2.1	6.5
NE	.3	1.3	1.7	.3								3.7	6.8
ENE	1.1	3.1	1.9	.3								6.4	5.6
E	1.2	1.0	.3									2.7	3.8
ESE	.7	.7										1.3	3.8
SE	1.0	.8	.1		.1							2.0	4.2
SSE	1.2	1.4	1.2	.2								4.1	5.3
S	1.0	4.4	1.3	.3								8.0	5.2
SSW	1.1	1.6	2.1	.4								5.2	6.2
SW		1.2	2.4	.3								4.0	7.9
WSW	1.0	1.3	.8	.1								3.2	5.1
W	2.0	3.3	1.3	1.1	.4							9.1	6.1
WNW	.9	.7	.6	.2	.2							2.6	6.6
NW	.1	1.2	.4	.2	.1							2.1	6.9
NNW	1.0	.7	.3	.1								2.1	4.3
VARBL													
CALM												39.7	
	15.7	23.7	15.8	4.3	.9							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAO

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 07001 LITTLE ROCK AFB AR 60-78 APR  
STATION NAME YEARS MONTHS  
ALL WEATHER  
CLASS  
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.2	.6	.3								2.5	6.3
NNE	.3	.6	1.2	.3								2.7	7.2
NE	.7	1.6	1.7	.6								4.1	6.5
ENE	.6	1.6	2.9	.3								5.7	7.0
E	1.4	3.2	1.6	.2								7.8	5.3
ESE	1.4	1.2	.4		.1							2.8	5.2
SE	.6	.6	.3									1.7	5.3
SSE	1.1	1.6	1.6	.1								4.6	5.9
S	2.1	5.4	1.8	.2								9.6	5.1
SSW	.6	1.7	2.1	.3								5.4	7.0
SW	.3	1.6	1.9	.7								4.4	7.5
WSW	1.1	.9	.7	.3								3.0	5.9
W	2.7	2.7	1.2	1.2	.4							7.6	7.0
WNW	.7	1.6	1.0	1.0	.2	.1						4.6	6.4
NW	.6	.8	1.3	.2								3.2	6.3
NNW		1.1	.7	.1								1.9	6.8
VARBL													
CALM												29.0	
	14.8	27.8	21.1	6.4	.6	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 900

CELESTIAL OBSERVATION AREA  
 1000000  
 1000000

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LITTLE ROCK AFB AR YEAR 69-70 ELEVATION 3900-1100  
 STATION NAME ALL WEATHER CLASS EGPNTS  
 COMMENTS

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	1.2	1.0	.0								4.2	7.6
NNE		1.1	.0	.0								3.4	7.0
NE	.0	1.2	1.0	1.0	.0							5.1	8.9
ENE	.0	1.7	1.0	1.1								5.2	7.7
E	1.0	1.0	2.0	.7	.0							6.4	6.9
ESE	.0	2.1	1.0	.0								5.0	6.2
SE	.0	1.0	1.0									4.1	6.0
SSE	.0	3.0	2.0	.7								7.0	6.9
S	1.0	4.0	7.0	.0								13.2	7.1
SSW	.0	2.0	3.0	1.0	.0							8.9	8.1
SW	.0	2.0	4.0	2.0	.5							10.1	9.3
WSW	.0	.0	1.0	1.0	.2							4.9	9.5
W	.0	.0	1.0	1.0	.5	.0						5.7	11.0
WNW	.0	.0	2.0	1.0	.0							5.9	9.5
NW	.1	1.1	1.0	1.0								4.3	9.0
NNW	.0	1.1	.0	.0								3.1	6.5
VARB													
CALM												4.3	
	9.3	27.0	36.7	16.4	1.9	.3						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION LITTLE ROCK AFB AR YEARS 69-78 APP MONTH  
CLASS ALL WEATHER 1200-1400  
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.5	1.5	.6								3.3	7.3
NNE	.3	.5	.7									1.4	5.8
NE	.5	.5	1.9	.1								3.1	7.2
ENE	.3	1.2	2.1	1.4								5.1	8.6
E	.7	2.6	3.2	1.3								7.2	7.9
ESE	.4	1.2	1.8	.9								4.3	8.0
SE	.6	2.9	1.9	1.2								6.6	7.1
SSE	.3	3.1	4.1	1.7								9.2	7.9
S	.6	4.7	6.8	3.3	.1							15.8	8.3
FSW	.4	1.7	2.3	2.7								7.1	6.9
SW	.7	.5	2.6	2.2	1.0	.2						7.2	11.2
WSW	.2	1.3	1.2	1.3	.6	.3						5.0	10.7
W	.6	1.6	2.1	1.3	.7	.4						6.7	10.2
WNW	.1	1.1	2.3	2.6	.9	.7						7.3	11.3
NW	.3	.6	2.0	1.2	.1	.2						4.4	10.0
NNW	.2	1.2	1.7	.8								3.9	8.1
VAPBL													
CALM												2.2	
	6.9	25.2	38.1	22.9	3.3	1.3						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/PAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LIT ROCK / FB AF 69-78 APR  
STATION NAME YEARS MONTH  
CLASS ALL WEATHER  
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.4	2.3	.8								4.7	3.1
NNE	.2	.2	.3									.8	5.0
NE	.8	.9	.7	.3								2.6	6.5
ENE	.6	1.1	1.9	1.6								5.1	8.3
E	.2	3.7	3.9	.8								7.9	7.5
ESE	.9	1.9	4.3	1.0								8.0	7.8
SE	.7	1.9	3.7	1.1								6.7	7.6
SSE	1.7	3.4	4.0	2.8								11.2	8.1
S	.9	5.1	6.8	1.9								14.7	7.4
SSW	.8	1.3	4.6	1.9	.1							8.7	8.8
SW	.2	.3	1.8	1.3	.2	.2						4.1	10.9
WSW		.6	.8	1.3	.2	.2						3.1	11.7
W	.2	.9	1.9	2.6	.7	.2						6.4	11.5
WNW	.8	.8	1.8	2.0	.2							5.6	9.7
NW	.4	1.6	1.6	1.0		.3						4.9	9.1
NNW	.6	1.3	1.0	1.2								4.1	7.9
VARBL													
CALM												1.6	
	3.2	25.7	40.6	21.6	1.4	1.9						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAG

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 13470 STATION NAME LITTLE ROCK AFB AR YEARS 69-78 MONTH APP  
CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.6	1.4	.3	.1	.1						5.2	6.3
NNE	.9	.2	.6	.3								2.0	6.3
NE	.9	.3	.8	.3								2.2	6.2
ENE	1.3	1.6	2.2	.7								5.8	6.5
E	1.2	2.7	2.3									6.3	5.8
ESE	1.8	3.9	2.2									7.9	5.3
SE	2.1	2.6	2.2	.3								7.2	5.4
SSE	3.0	3.6	1.9	.4								8.9	5.1
S	3.2	6.8	2.8	.2								12.8	5.2
SSW	.7	2.4	2.8	.4	.1							5.7	6.5
SW	.2	.3	1.2	1.1	.1							3.0	9.7
WSW	.3	1.0	1.0	.1	.1							2.6	7.1
W	1.0	2.3	.4	1.5	.2							5.0	6.8
WW	.7	.7	2.2	.9	.2	.2						4.7	9.2
NW	.9	.8	.9	.1		.1						2.7	5.6
NNW	.5	.9	1.2	.1	.1							3.1	6.1
VARBL													
CALM												14.8	
	20.2	31.7	25.4	6.4	1.0	.4						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 03670 STATION NAME LITTLE ROCK AFB AR YEARS 69-76 MONTH APR  
CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300  
CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.9	.6									3.3	4.6
NNE	.4	.9	.4	.1								1.9	5.4
NE	.7	.9	1.0	.1								2.7	6.0
ENE	1.7	1.3	1.4	.4								4.9	5.7
E	1.7	2.7	.6	.2								5.1	4.7
ESE	.6	1.4	.4	.2								2.7	5.6
SE	1.2	.8	.8	.1								2.9	4.9
SSE	2.9	2.1	2.6	.3								7.9	5.5
S	4.6	4.8	2.6	.2								12.1	4.6
SSW	.6	2.4	1.7	.1								4.8	6.0
SW	.4	.8	.6	.2								2.0	5.9
WSW	.4	.8	.3	.2								1.8	5.9
W	3.1	2.1	1.1	.6	.2							7.1	5.5
WNW	.6	1.3	.7	.6	.3							3.4	7.6
NW	.6	.9	.7	.1								2.2	5.7
NNW	.7	.8	.9									2.3	5.5
VARBL													
CALM												32.8	
	21.0	25.8	16.2	3.6	.6							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
47th WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION LF LITTLE ROCK AFB AR 69-78 YEARS APR  
STATION NAME MONTH  
CLASS ALL WEATHER  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.2	1.2	.4	.7	.						3.5	6.7
NNE	.4	.6	.7	.2								1.9	6.4
NE	.5	1.3	1.4	.4	.7							3.3	7.0
ENE	.5	1.3	1.4	.7								5.4	6.8
E	1.2	2.4	1.4	.4	.7							5.9	6.1
ESE	.5	1.6	1.4	.3	.7							4.2	6.4
SE	1.4	1.4	1.4	.4	.7							4.2	6.1
SSE	1.4	2.5	2.4	.8	.7							7.1	6.5
S	2.2	4.9	3.9	.9	.7							11.9	6.2
SSW	.7	2.3	2.7	1.1	.7							6.6	7.6
SW	.3	1.0	2.7	1.1	.2	.1						4.8	9.2
WSW	.5	.9	.9	.7	.1	.1						3.2	8.3
W	1.6	2.0	1.3	1.3	.5	.1						6.8	7.9
WNW	.5	1.0	1.4	1.3	.3	.1						4.7	9.3
NW	.5	1.0	1.1	.6	.0	.1						3.3	7.9
NNW	.6	1.0	.9	.4	.0							2.9	6.6
VARBL													
CALM												20.4	
	13.0	26.4	26.5	11.1	1.4	.4						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 7198

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR STATION SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00070 LITTLE ROCK AFB AR 69-78 MAY  
STATION STATION NAME YEARS MONTH  
ALL WEATHER CLASS 0000-0200  
CONDITION HOURS (L.S.T.)

SPEED (KNTS, DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.3	.1	.2								3.4	3.6
NNE	.4	1.2	.3	.1								2.0	5.2
NE	.6	1.2	.4	.1								2.4	4.5
ENE	.9	1.9	.5	.3								3.7	5.4
E	1.5	.5	.8	.1								2.4	5.2
ESE	.2	.4	.2									.9	5.1
SE	.8	.3	.4									1.5	4.1
SSE	.9	.9	.4									2.2	4.5
S	1.9	3.0	1.6									6.6	4.9
SSW	.8	2.0	1.2	.1								4.1	5.6
SW	.1	1.0	.4									1.5	5.6
WSW	1.9	1.1	.3	.2			.1					3.7	5.1
W	4.0	2.4	.5	.1								7.1	3.6
WNW	.4	1.4	.2		.1							2.2	5.1
NW	1.0	1.3										2.3	3.6
NNW	.4	.4										.9	3.5
VALE													
ALM												53.5	
	17.1	20.3	7.5	1.3	.1		.1					100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/ALC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION DT 32 LITTLE ROCK AFB AR 60-76 YEARS MAY MONTH  
STATION NAME ALL WEATHER CLASS 0300-0600 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.0	.6									2.6	4.3
NNE	.5	1.0	.6	.1								2.6	5.2
NE	.6	1.0	.3	.1								1.8	5.3
ENE	1.1	1.7	.6									3.9	4.6
E	1.6	.0	.3									2.7	3.6
ESE	.7			.1								.4	4.5
SE	.5	.5	.1	.1								1.3	4.6
SSE	.3	.3	.4									1.5	4.5
S	1.3	2.9	1.1									5.9	4.5
SSW	.6	2.2	.8									3.7	4.6
SW	.4	.5	.9	.2								2.0	6.9
WSW	1.2	1.7	.3	.4			.1					3.2	6.1
W	3.7	2.3	.5	.1								6.7	3.8
WNW	1.1	1.1	.5									2.5	4.1
NW	1.1	.8	.2									2.9	3.4
NNW	.6	.6	.3									1.6	4.4
VARBL													
CALM												55.6	
	17.6	17.7	7.5	1.2			.1					100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION LITTLE ROCK AFB AF YEARS 69-78 MONTH MAY  
CLASS ALL WEATHER  
CONDITION 0600-0800  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.8	.6									2.7	4.4
NNE	1.2	.9	.6	.1								2.8	4.9
NE	1.2	1.7	1.8	.3								5.1	6.2
ENE	1.3	2.5	2.8	.3								7.0	5.1
E	2.2	1.5	1.1	.2								5.3	4.6
ESE	1.1	.6	.4	.1								2.3	4.4
SE	1.3	1.6	.2									3.1	3.9
SSE	.6	1.4	.2									2.3	4.2
S	1.4	3.2	1.8	.4								6.9	5.8
SSW	.6	1.7	1.6	.3								4.5	6.7
SW	.6	2.0	1.7	.3								4.8	6.2
WSW	.6	1.7	.4	.3								2.5	5.5
W	3.2	1.6	1.1	.2		.2						6.3	5.0
WNW	1.5	2.2	1.6	.1								5.5	5.3
NW	1.1	2.0	.3	.1								3.5	4.6
NNW	.6	1.2	.3									2.2	4.5
VARBL													
CALM												33.3	
	20.2	26.3	17.0	2.9		.2						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE VICTOR

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 07400 LITTLE ROCK AFB A 68-78 YEAR  
STATION NAME ALL WEATHER MONTH  
CLASS 0900-1100  
CONDITION HOURS (LST.)

SPEED (KNTS) D.R.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.9	1.3	.1	.1							4.6	5.7
NNE	.5	1.2	1.3	.3								3.7	5.9
NE	.6	1.9	2.7	.2								5.5	6.6
ENE	2.5	2.9	2.8	.6								8.8	5.8
E	1.1	3.0	2.4	.6								7.8	6.3
ESE	1.7	2.0	1.4	.2								4.9	5.3
SE	.5	1.8	1.0	.1								3.4	5.7
SSE	1.0	2.0	1.6									5.6	5.0
S	1.0	4.2	4.3	1.1								10.5	6.6
SSW	.5	1.7	3.2	1.0								6.7	7.8
SW	.0	1.5	2.5	1.5								5.7	8.5
WSW	1.1	1.5	2.4	1.3								6.2	7.5
W	1.3	2.4	3.1	.6								7.4	7.0
WNW	.6	1.2	1.5	1.0	.2	.1						4.6	8.2
NW	1.0	2.3	1.4	.4								5.1	6.0
NNW	.4	1.2	.9									2.5	5.6
VARBL													
CALM												6.9	
	16.3	33.5	33.7	9.1	.3	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFW WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LITTLE ROCK AFB AR YEARS 60-78 MONTH MAY  
STATION NAME ALL WEATHER CLASS 1200-1400  
CONDITION MOBS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.4	1.1	.3								4.3	5.6
NNE	1.0	1.5	1.1	.4								4.3	5.9
NE	.9	1.7	2.0	.7								4.9	6.6
ENE	1.0	3.4	2.6	.8		.1						7.8	6.9
E	1.3	4.7	3.5	.6								9.5	6.4
ESE	.4	1.5	1.0	.1								3.2	5.6
SE	1.4	1.4	1.7	.5								5.1	6.2
SSE	.4	3.3	2.0	.4	.1							6.3	6.6
S	1.2	3.4	6.3	1.3	.1							12.4	7.5
SSW	1.0	2.4	4.4	1.8								9.6	7.9
SW	.5	1.2	1.8	.6	.1							4.3	7.9
WSW	.6	1.3	1.7	1.3	.1							5.1	8.4
W	.8	1.0	1.9	1.1	.3							5.1	8.7
WNW	.4	1.7	1.0	1.8	.1	.1						6.1	8.7
NW	.9	2.2	2.5	.9								6.3	6.9
NNW	.5	1.7	.6									3.1	4.8
VARBL													
CALM												2.6	
	13.9	33.9	36.3	12.4	.9	.2						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

0 570      LITTLE ROCK AFB AR      69-78      MAY

STATION      STATION NAME      YEARS      MONTH

ALL WEATHER      1500-1700

CLASS      HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.6	1.7	.2	.1							4.9	6.2
NNE	1.2	1.7	1.2	.2								4.3	5.6
NE	.5	1.7	2.4	.4								5.1	7.1
ENE	.5	2.6	3.1	.1								6.3	6.7
E	1.4	4.3	3.3	.3	.2							9.6	6.3
ESE	.5	2.6	1.5	.2								4.5	5.6
SE	1.4	2.2	2.3	.2								6.0	5.8
SSE	1.1	3.2	1.9	.2								6.2	5.8
S	.9	4.7	5.1	1.2								11.9	7.2
SSW	.5	2.1	3.5	1.4	.1							7.6	8.1
SW	.3	.9	2.5	1.3								4.9	8.8
WSW	.5	1.3	2.3	1.0								5.1	7.5
W	1.1	1.5	1.9	1.0		.1						5.7	7.2
WNW	.5	2.7	1.6	1.1	.1							6.0	7.5
NW	.5	1.6	1.6	.6	.1							4.6	7.3
NNW	.5	1.4	1.5	.1								3.8	6.2
VARBL													
CALM												3.3	
	13.3	35.9	37.0	9.7	.6	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS      930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03630      LITTLE ROCK AFB AR      69-78      MAY

STATION      STATION NAME      YEARS      MONTH

ALL-WEATHER      1968-2000

CLASS      HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.8	.5	.2								4.6	4.7
NNE	1.6	1.7	.3									2.9	3.8
NE	1.2	1.7	1.1									4.6	4.9
ENE	1.5	2.2	2.7	.3								6.0	5.9
E	2.4	3.3	1.4									7.1	4.6
ESE	1.8	1.6	1.0									4.5	4.5
SE	1.5	1.4	.5	.2								3.7	4.8
SSE	1.6	1.2	.8	.1								3.8	4.5
S	4.1	5.9	3.1	.3								13.5	5.8
SSW	1.3	1.7	1.2									4.8	5.6
SW	.1	.9	1.1	.1								2.2	7.5
WSW	.9	1.2	.3	.1								2.4	5.5
W	1.9	3.3	.5	.4								6.2	5.2
WNW	1.2	1.6	.9	.4								4.1	5.7
NW	.9	1.3	.4	.2								2.4	5.5
NNW	.3	.9	.4	.1								1.7	5.7
VARBL													
CALM												25.5	
	24.7	30.4	16.9	2.6								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS      929

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SE VICT/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION CR 30 LITTLE ROCK AFB AR 69-78 MAY  
STATION NAME YEARS MONTHS  
CLASS ALL WEATHER  
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.4	.6		.1							3.5	4.7
NNE	.5	.7	.5	.1								2.0	5.4
NE	1.0	1.0	.3	.2								2.5	5.0
ENE	1.6	1.9	1.2	.2								4.9	5.2
E	1.2	1.7	.6									3.5	4.5
ESE	.4	.3	.5									1.5	5.7
SE	1.2	.5	.2									1.9	3.5
SSE	.4	.5	.5									1.5	4.8
S	3.6	3.5	2.0		.1							9.2	4.7
SSW	.5	1.5	.8									2.8	5.1
SW	.1	1.1	.5	.1								1.7	6.5
WSW	.5	.6	.3									1.7	4.9
W	2.4	3.2	.4	.1								5.1	4.0
WNW	.2	1.0	.4									1.7	5.4
NW	.5	.7	.3									1.7	4.3
NNW	1.0	.9	.2									1.6	4.2
VARBL													
CALM												51.7	
	16.7	20.9	9.6	.8	.2							100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 930

JOINT CLIMATE BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION: LITTLE ROCK AFB AR YEARS: 69-75 MONTH: MAY  
STATION NAME: ALL WEATHER CLASS: ALL  
LOCATION: MOBILE (L.S.T.)

SPEED (KNOTS) DIP	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	1.5	.8	.1	.1							3.8	5.1
NNE	1.2	1.2	.5	.2								3.1	5.3
NE	.6	1.5	1.8	.2								4.0	6.1
ENE	1.3	2.4	2.7	.3		.0						6.1	6.0
E	1.5	2.5	1.7	.2	.7							6.0	5.6
ESE	.7	1.1	.7	.1								2.8	5.2
SE	1.1	1.2	.5	.1								3.3	5.2
SSE	1.3	1.6	1.0	.1	.7							3.7	5.3
S	2.7	3.9	3.2	.6	.0							9.6	6.0
SSW	.3	1.9	2.2	.6	.7							5.5	6.9
SW	.3	1.1	1.4	.3	.0							3.4	7.6
WSW	.6	1.2	1.0	.6	.7		.0					3.7	6.7
W	3.3	2.2	1.3	.5	.0	.0						6.3	5.5
WWW	.3	1.6	1.1	.6	.1	.0						4.1	6.8
NW	.9	1.5	.8	.3	.0							3.5	5.7
NNW	.6	1.0	.6	.0								2.2	5.1
VARB													
CALM												29.1	
	17.5	27.8	20.7	5.0	.3	.1	.0					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

00000 STATION NAME: LITTLE ROCK AFB AR YEARS: 69-78 MONTH: JUN  
CLASS: ALL WEATHER  
CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.6	.4	.1								1.4	5.9
NNE	.7	.6	.4	.1								1.8	5.2
NE	.7	.8	.8									1.9	5.8
ENE	.7	.7	.1	.1								1.7	4.4
E	.6	.4	.1									1.3	3.5
ESE	.1	.3										.4	4.3
SE	.6	.6										1.1	3.8
SSE	.9	.7	.4									2.0	4.6
S	2.9	3.3	1.3	.1								7.7	4.5
SSW	1.3	2.3	.8	.1								4.6	5.0
SW	.7	1.6	.6	.2	.1							3.1	6.0
WSW	1.1	.3	.1	.1								1.7	3.8
W	5.6	2.3	.3									8.1	3.0
WNW	.7	.9	.3									1.9	4.5
NW	1.2	.6	.2									2.0	3.5
NNW	.7	.4	.3	.1		.1						1.3	7.0
VARBL													
CALM												58.0	
	3.2	16.4	6.2	1.7	.1	.1						100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1970 LITTLE ROCK AFB AR 60-78  
STATION MONTH  
ALL WEATHER  
CLAS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4	.2									.9	4.9
NNE	.6	1.0	.7									1.9	4.9
NE	1.1	.2	.7									2.0	4.3
ENE	1.0	.4	.1									1.6	3.4
E	1.1	.3										1.4	2.8
ESE	.6	.4										1.2	3.0
SE	.6	.7										1.2	4.1
SSE	1.1	.4	.1									1.7	2.9
S	3.0	.7	1.0	.1								6.8	4.2
SSW	.9	1.6	1.0	.3								3.8	5.9
SW	.1	1.2	1.0									2.3	6.2
WSW	2.0	.8										2.8	3.0
W	6.1	1.4	.1	.1								7.6	2.8
WNW	1.3	1.0	.1	.2								2.7	4.3
NW	.3	1.1										1.4	4.0
NNW	.7	.7	.2									1.6	3.9
VARBL													
CALM												59.0	
	20.9	14.4	4.9	.8								100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1243

LITTLE ROCK AFB AR

69-78

JUN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0600-0800

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.6	.7	.1								3.4	5.0
NNE	1.2	.7	.4	.1								2.4	4.2
NE	1.2	1.6	.7	.3								3.8	5.4
ENE	.9	1.6	1.3									3.8	5.6
E	2.2	2.8	.3									4.6	3.8
ESE	.7	1.1	.3									2.1	4.6
SE	1.2	.6	.4									2.2	4.0
SSE	2.0	1.6	.2									4.0	3.6
S	1.3	4.3	1.4	.3								7.4	5.3
SSW	1.7	3.4	2.2	.7								8.5	6.0
SW	.6	2.2	1.9	.2								4.9	6.3
WSW	2.1	2.8	2.4	.2								7.5	5.6
W	3.6	2.8	1.3									7.7	4.3
WNW	1.2	2.0	.6									4.3	4.2
NW	.8	.7	.4	.1								2.0	4.8
NNW	1.2	.4	.4	.1								2.2	4.2
VARBL													
CALM												29.6	
	23.6	29.4	15.2	2.2								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MSC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 0930 STATION NAME LITTLE ROCK AFB AR YEARS 69-76 MONTH JUN  
CLASS ALL WEATHER HOURS (L & T.) 0900-1100  
CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.8	1.7									4.7	5.5
NNE	.4	1.1	.7	.2								2.4	6.4
NE	1.2	1.3	1.6	.4								4.6	6.3
ENE	1.4	2.0	1.2	.1								4.8	5.1
E	1.8	3.0	1.3									6.1	4.9
ESE	1.4	1.6	.7	.1								3.8	4.7
SE	1.1	2.2	.9									4.2	4.7
SSE	1.0	2.0	.4	.1								3.6	4.9
S	1.8	3.4	2.3	.8								8.3	6.1
SSW	1.1	3.1	3.7	1.4								9.3	7.4
SW	1.6	2	4.0	2.2	.1							10.3	7.8
WSW	1.4	3.2	3.7	1.3	.4							10.1	7.6
W	1.6	3.1	3.4	1.7	.2	.1						10.1	7.6
WNW	1.2	1.7	2.0	.2								5.1	5.8
NW	.7	1.8	.9	.2								3.6	5.6
NNW	1.3	1.8	1.4									4.2	5.2
VARB													
CALM												4.8	
	20.0	35.6	29.9	8.9	.8	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

CLIPAL CLIMATOLOGY BRANCH  
USAFETAC  
AFW WEATHER SERVICE/VAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: 7830 STATION NAME: LITTLE ROCK AFB A YEAR: 69-78 MONTH: JUN  
CLASS: ALL WEATHER HOURS (L.S.T.): 1200-1400  
CONDITION: \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	2.4	1.0	.1								5.3	5.3
NNE	.4	1.2	.8	.2								2.7	6.0
NE	1.1	1.7	1.6									4.3	5.5
ENE	1.1	3.3	1.1	.2								5.4	5.5
E	1.1	2.4	1.5	.2								5.7	5.4
ESE	.7	2.3	1.7									3.7	5.5
SE	.9	2.3	1.2	.1	.1							5.1	5.5
SSE	.2	1.2	1.4									4.5	5.6
S	1.8	2.6	5.3	2.0	.1							11.8	7.7
SSW	1.7	2.4	5.1	2.2								11.4	7.8
SW	.7	1.6	2.9	2.3								7.4	6.7
WSW	.3	2.1	2.8	1.8	.1							7.1	6.4
W	1.3	2.6	3.6	.9	.2							8.6	7.2
WNW	.6	2.0	2.1	1.2								5.9	7.4
NW	.2	2.2	1.8	.4	.1							5.3	6.9
NNW	.4	1.9	1.0									3.3	5.8
VARBL													
CALM												2.9	
	14.4	36.0	34.2	11.8	.7							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAO

# SURFACE WIND

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

333 STATION LITTLE ROCK AFB AR 60-78 YEARS JUN NORTH  
 ALL WEATHER CLASS  
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.7	1.3	.1								5.0	4.6
NNE	.9	2.1	.4	.1								3.6	4.6
NE	.4	1.7	1.4	.3								3.9	6.5
ENE	1.3	2.2	.9			.1						4.6	5.3
E	1.6	2.3	2.7									6.9	5.7
ESE	.3	1.9	1.7	.1	.1							4.4	6.1
SE	.9	2.0	1.2									4.1	5.1
SSE	.6	2.2	2.1	.1								5.0	6.2
S	1.1	4.7	5.3	1.9								13.0	7.3
SSW	.6	2.6	6.0	1.4	.1							10.7	8.2
SW	.3	2.3	3.8	1.7								7.8	8.2
WSW	.6	1.3	3.1	1.6								6.6	8.1
W	1.0	2.3	1.8	.9								6.0	6.7
WNW	.7	2.4	1.7	.4								5.2	6.3
NW	1.7	2.6	1.6	.2								6.0	5.4
NNW	1.2	1.8	.9									3.9	5.0
VARBL													
CALM												3.6	
	15.7	35.7	35.9	8.9	.2	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 7150 LITTLE ROCK AFB AR STATION NAME 69-78 YEARS JUN  
MONTH 1900-2000  
HOURS (L.S.T.)  
CLASS ALL WEATHER  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	1.3	.7									3.8	3.8
NNE	1.4	.9	.2									2.6	3.6
NE	1.5	1.2	.3									3.2	4.0
ENE	1.0	1.7	.4									3.1	4.5
E	2.4	1.1	.3	.1								3.9	3.8
ESE	1.8	1.3	.9	.1								4.1	4.7
SE	1.6	1.3	.2									2.8	4.4
SSE	1.7	.6	.6									2.8	3.9
S	7.6	6.9	3.2	.1								17.8	4.4
SSW	2.2	4.8	3.6									10.6	5.5
SW	.7	1.9	1.6	.7								4.7	6.7
WSW	.8	2.0	1.4	.1								4.3	6.0
W	1.3	1.7	.8	.2								4.0	5.3
WNW	.7	1.4	.8	.2								3.2	5.6
NW	.8	.7	.3	.2								2.0	5.3
NNW	1.3	.6	.1									1.7	3.6
VARBL													
CALM												25.4	
	23.9	23.4	15.4	1.8								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION LITTLE ROCK AFB A- YEARS 69-78 MONTH JUN  
STATION NAME CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.3	.2	.2								1.2	5.7
NNE	.3	.2	.2									.8	4.7
NE	1.0	.8	.2	.1								2.1	4.1
ENE	.7	.9	.2	.1								1.9	4.7
E	1.7	.7	.3									2.0	4.2
ESE	.8	.2	.3									1.3	3.9
SE	.5	.7	.2									1.4	4.1
SSE	2.6	1.7	.4									4.0	3.5
S	6.1	4.0	1.6	.1								11.8	4.0
SSW	2.8	4.6	.4									7.8	4.3
SW	.4	1.3	.9	.1								2.8	5.8
WSW	.9	.9	.3	.1								2.1	4.7
W	1.6	1.4	.1	.2	.1							3.4	4.9
WNW	.8	.8	.3									1.9	4.4
NW	.9	.8				.1						1.8	4.6
NNW	.2	.3	.1									.7	4.3
VARBL													
CALM												53.0	
	21.0	18.8	6.0	1.0	.1	.1						100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFD WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 00-2 LITTLE ROCK AFB AR 69-76 YEARS JUN  
STATION NAME ALL WEATHER MONTH NORTH  
CLASS ALL  
CONDITION HOURLY (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.3	.8	.1								3.2	5.0
NNE	.5	1.7	.4	.1								2.3	5.0
NE	1.7	1.2	.9	.2								3.2	5.4
ENE	1.7	1.5	.7	.1		.3						3.3	5.0
E	1.7	1.5	.8	.0								4.0	4.7
ESE	.9	1.1	.6	.0	.7							2.5	5.0
SE	.9	1.3	.5	.0	.3							2.8	4.6
SSE	1.7	1.3	.7	.0								3.4	4.6
S	3.2	4.0	2.7	.7	.7							10.6	5.5
SSW	1.7	3.1	2.8	.8	.0							8.3	6.5
SW	.6	1.9	2.1	.9	.5							5.4	7.4
WSW	1.2	1.7	1.7	.7	.1							5.3	6.7
W	2.5	2.2	1.4	.5	.1	.5						7.0	5.3
WNW	1.7	1.5	1.5	.3								3.8	5.6
NW	.9	1.3	.7	.2	.9	.8						3.0	5.4
NNW	.8	1.0	.6	.0		.3						2.4	5.0
VARBL													
CALM												29.5	
	20.3	26.8	18.5	4.5	.2	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 7199

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

06000 LITTLE ROCK AFB AR 69-76 JUL  
STATION STATION NAME YEARS MONTH  
ALL WEATHER CLASS 0000-0200  
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.1	.2									.9	4.5
NNE	.1	.5										.6	3.7
NE	1.3	.5	.3	.1								2.3	4.1
ENE	.2	.9	.1									1.6	3.6
E	.2	.3	.2	.1								1.2	4.5
ESE	.3	.2	.2									.8	4.6
SE	.7	.1										.6	2.7
SSE	1.5	.3	.1									1.4	3.2
S	4.1	1.6	.2									5.9	3.0
SSW	1.5	2.7	.9									5.1	4.6
SW	.9	1.5	1.0									3.2	5.3
WSW	.6	.4	.2	.1								1.4	4.6
W	3.7	1.4	.2	.1								5.6	3.3
WNW	.2	.5	.1									1.4	3.7
NW	.4	.3										1.2	3.6
NNW	.5	.4										1.0	3.3
VARBL													
CALM												65.9	
	17.8	12.2	3.8	.4								100.0	1.3

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/140

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION LITTLE ROCK AFB AF YEARS 69-76 MONTH JUL  
CLASS ALL WEATHER  
CONDITION   
NUMBER OF OBSERVATIONS 3500-0500  
(L.S.T.)

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.5	.3									1.3	4.7
NNE	.5	.5	.3									1.6	4.3
NE	.4	.4	.2	.1								1.5	4.9
ENE	.5	.4	.5									2.0	4.7
E	.1	.1										.2	3.5
ESE													
SE	.7	.2	.1									.6	3.7
SSE	.5	.3										.9	2.9
S	2.4	1.7	.2									4.3	3.2
SSW	1.3	1.2	.2									3.3	4.0
SW	.5	1.0	.5	.1								2.2	5.4
WSW	.6	1.3	.9	.1								2.3	5.3
W	4.3	1.8	.1									6.2	3.0
WNW	.3	.2	.2									.8	4.4
NW	.6	.1	.1									.9	3.1
NNW	.3	.3	.1									.8	4.1
VARBL													
CALM												70.6	
	13.9	11.3	3.9	.3								100.0	1.2

TOTAL NUMBER OF OBSERVATIONS 729

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 07930 LITTLE ROCK AFB AR STATION NAME 69-78 YEARS JUL  
STATION 07930 STATION NAME 69-78 YEARS JUL  
CLASS ALL WEATHER  
CONDIT 0600-0600  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.1	.5									2.2	5.3
NNE	1.3	.5	.3									2.4	3.9
NE	1.6	1.1	1.0	.1								3.8	4.9
ENE	1.5	3.7	1.0	.1								6.0	4.8
E	2.3	1.4	.4									4.1	3.7
ESE	1.3	.2	.1									1.6	2.8
SE	1.0	.3										1.3	2.9
SSE	1.6	1.4	.2									3.2	3.6
S	2.8	2.6	.4									5.8	3.9
SSW	1.3	2.0	1.0									4.3	4.8
SW	1.2	2.2	1.2	.1								4.6	5.3
WSW	.9	2.0	1.2									4.1	5.1
W	3.7	4.0	.6	.1								8.4	4.2
WNW	1.7	1.5	.5	.1								4.2	4.4
NW	.5	.5	.1									1.7	3.6
NNW	.9	.5	.2									1.6	4.2
VARBL													
CALM												40.8	
	24.7	25.2	8.8	.5								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 930

JOINT CLIMATE REPORT OF  
USAFETAC  
AF PATHE DE VICE/NAO

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION LITTLE ROCK AFB AR YEAR 69-70 MONTH JUL  
STATION NAME ALL WEATHER CLASS 0900-1100  
CONDITION 0000 (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	1.5	.5									3.6	4.3
NNE	.5	1.5	.5	.1								3.4	5.5
NE	1.5	1.7	1.3	.4								4.9	5.9
ENE	1.1	3.3	1.5	.1	.1							6.1	5.6
E	2.4	2.9	1.4	.1								6.2	4.7
ESE	.5	1.5	.5									3.1	4.8
SE	.5	2.5	.5									3.0	4.6
SSE	1.7	2.5	.5									4.7	4.5
S	1.5	4.7	1.5	.1								7.5	5.1
SSW	2.3	1.5	1.5	.2								5.6	5.3
SW	1.5	2.4	2.3	.6								6.9	5.0
WSW	1.5	2.7	3.7	.1								7.3	6.0
W	1.3	5.1	4.7	.9								11.9	6.5
WNW	1.7	5.4	2.7	.2								8.6	5.7
NW	1.7	2.5	1.7									5.2	4.6
NNW	1.7	1.2	.5									3.0	4.1
VARBL													
CALM												7.2	
	23.0	41.8	24.9	2.9	.1							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION LITTLE ROCK AFB AR YEAR 69-70 MONTH JUL  
CLASS ALL WEATHER  
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	2.2	1.7									4.6	4.6
NNE	1.1	1.0	1.7	.5								3.5	6.0
NE	1.1	1.9	.9	.3								4.0	5.5
ENE	1.7	2.7	2.4	.8								6.5	6.7
E	1.4	5.1	1.8	.3								8.6	5.5
ESE	.8	2.8	1.8	.1								5.5	5.9
SE	.8	5.8	3.1									6.0	5.7
SSE	1.4	3.0	2.2									5.5	5.4
S	1.7	5.3	3.3	.5								11.1	6.0
SSW	.8	1.7	3.7	.1								5.6	6.8
SW	1.1	1.6	2.4	.5								5.6	6.5
WSW	.3	2.3	3.4	.9								6.9	7.5
W	1.2	3.4	3.6	.2								5.7	6.2
WNW	.6	1.9	1.2	.3								4.0	6.0
NW	.5	2.3	1.2	.4								4.3	5.3
NNW	.5	1.2	.8	.1								2.7	5.2
VARBL													
CALM												4.6	
	15.0	40.0	33.3	5.2								100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03930  
STATION

LITTLE ROCK AFB AB  
STATION NAME

69-78  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.1	.4	.3								2.9	5.4
NNE	1.2	1.4	.6	.1								3.3	5.0
NE	.6	1.4	1.6	.3								4.0	6.7
ENE	1.1	2.7	2.5	.9								7.1	6.7
E	1.2	5.9	3.9	.5								11.5	6.2
ESE	.9	3.4	2.8									7.1	5.9
SE	.8	4.2	1.7	.1								6.8	5.5
SSE	.8	3.2	1.3	.2								6.0	5.5
S	2.9	5.2	4.7	.5								13.3	6.0
SSW	1.0	3.1	4.6	.5								9.2	7.1
SW	.3	1.4	3.7	1.0								6.3	8.2
WSW	.5	1.0	1.9	.4								3.9	7.3
W	1.6	2.4	1.8	.6								6.5	6.0
WNW	1.1	1.0	.9	.1								3.0	5.0
NW	.4	1.0	.6		.1							2.2	6.0
NNW	.6	.4	.8		.1							1.9	5.6
VARBL													
CALM												4.9	
	16.0	38.7	34.4	5.7	.2							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03930 LITTLE ROCK AFB AF 69-78 JUL  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.2	.4	.4								1.8	6.5
NNE	1.3	1.0	.5	.2								3.0	4.8
NE	1.3	.4	.9	.1								2.7	5.1
ENE	1.4	1.6	.9	.4								4.3	5.8
E	2.4	4.1	1.4	.1								6.0	4.8
ESE	2.0	2.8	.9									5.7	4.4
SE	2.7	1.8	.3									4.8	3.2
SSE	2.9	2.0	.4									5.4	3.5
S	7.5	6.3	2.5	.1								16.5	4.2
SSW	2.6	4.0	2.4									8.9	5.0
SW	.4	1.5	1.1	.2								3.5	6.2
WSW	.5	.5	.5	.1								1.7	6.2
W	1.4	2.4	.1	.1								4.0	4.1
WNW	.8	.9	.1									1.7	3.5
NW	.4	.6	.2									1.3	4.2
NNW	.9	.2	.2									1.3	3.5
VARBL													
CALM												25.4	
	29.2	30.8	12.8	1.8								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIP WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 03030 STATION NAME LITTLE ROCK AFB AR YEARS 69-78 MONTH JUL  
CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.5	.1									1.2	3.5
NNE	.4	.9	.4									1.7	4.9
NE	.9	.8	.4									2.0	4.2
ENE	.3	1.3	.2									1.8	4.4
E	.5	1.0	.3									1.8	4.6
ESE	.8	.6	.2									1.6	4.3
SE	1.0	1.4	.1									2.5	3.8
SSE	1.8	1.2										2.2	3.1
S	7.2	2.6	.6									10.4	3.2
SSW	2.6	2.7	1.3									6.6	4.6
SW	.2	.9	.1	.1								1.3	5.6
WSW	.6	.6										1.3	3.3
W	2.4	1.5	.2	.1								4.2	3.6
WNW	.5	.3	.1	.1								1.1	4.9
NW	.9	.1		.1								1.1	3.3
NNW	.4	.1	.1									.6	3.3
VARBL													
CALM												58.6	
	20.2	16.5	4.3	.4								100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03930      LITTLE ROCK AFB AP      69-78      JUL

STATION      STATION NAME      YEARS      MONTH

ALL WEATHER

CLASS

CONDITION

ALL

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.9	.5	.1								2.4	4.9
NNE	.9	1.0	.5	.1								2.5	5.0
NE	1.1	1.1	.8	.2								3.1	5.4
ENE	1.0	2.0	1.1	.3	.0							4.5	5.7
E	1.3	2.6	1.2	.1								5.3	5.2
ESE	.8	1.5	.8	.0								3.2	5.1
SE	1.7	1.7	.7	.0								3.4	4.7
SSE	1.4	1.7	.7	.0								3.8	4.4
S	3.8	3.7	1.8	.2								9.4	4.6
SSW	1.7	2.4	1.9	.1								6.1	5.4
SW	.8	1.6	1.5	.3								4.2	6.3
WSW	.7	1.3	1.4	.2								3.7	6.1
W	2.5	2.7	1.5	.3								6.9	5.0
WNW	.9	1.3	.7	.1								3.1	5.1
NW	.7	1.0	.4	.1	.0							2.2	4.8
NNW	.7	.6	.3	.0	.0							1.6	4.4
VARBL													
CALM												34.1	
	20.1	27.2	15.8	2.2	.0							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 7437

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 00030 LITTLE ROCK AFB AR YEARS 69-78 MONTH AUG  
STATION NAME CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.2	.1	.1								.9	4.9
NNE	1.0	.4	.1	.1								1.6	3.9
NE	.5	.3	.2	.1								1.6	5.1
NNE	1.1	1.6	.6	.2								3.6	4.8
E	1.6	1.8		.1								3.6	3.9
ESE	.4	.4	.1									1.0	3.9
SE	.6	.3										1.1	3.1
SSE	.9	.5										1.4	3.0
S	4.1	3.0	.5									7.6	3.5
SSW	1.2	1.2	.2									2.6	3.8
SW	.2	.5	.3									1.1	4.9
WSW	.7	.5	.1									1.0	4.1
W	2.2	1.1										3.2	2.9
WNW	.4	.1	.1									.6	3.5
NW	.5	.1	.1									.8	3.4
NNW	.2	.1										.3	2.3
VARBL													
CALM												68.1	
	15.9	12.8	2.6	.6								100.0	1.2

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SEVA DE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

07930 STATION LITTLE ROCK AFB AR 69-78 YEARS AUG MONTH  
STATION NAME CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500  
CONDITION

WIND (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.2										1.2	2.2
NNE	.7	.5										1.0	4.2
NE	1.6	.8	.2	.1								2.7	3.5
ENE	1.2	1.1										2.3	3.4
E	1.0	.5	.3	.1								1.9	4.4
ESE	.1	.2	.1									.4	4.8
SE	.5											.6	2.0
SSE	.8											.8	2.7
S	3.0	1.4	.2									4.6	3.3
SSW	1.5	2.3	.1									3.9	3.9
SW	.2	.2	.3									.8	5.3
WSW	.6	.9	.1	.1								1.7	4.6
W	3.5	.2										3.8	2.2
WNW	.2	.3										.5	3.4
NW	.5	.5	.2									1.3	4.3
NNW	.5	.1										.6	2.8
VARBL													
CALM												71.9	
	16.8	9.4	1.5	.3								100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

07950 LITTLE ROCK AFB AR 69-78 AUG  
STATION STATION NAME YEARS MONTH  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.1	.3									2.2	4.9
NNE	1.1	1.9	.2									3.2	4.2
NE	2.6	2.6	.9	.1								6.0	4.4
ENE	2.7	2.6	1.0									5.2	4.3
E	2.4	1.5	.3									4.2	3.6
ESE	1.3	.1	.1									1.5	2.6
SE	1.2	.8										1.9	3.2
SSE	.9	1.3										2.2	3.8
S	2.4	2.6	.4	.1								5.5	3.9
SSW	1.1	1.8	.4	.1								3.4	4.8
SW	1.0	2.3	1.0	.2								4.4	5.6
WSW	.5	1.1	.6	.1								2.4	5.7
W	2.2	1.1	.5									3.8	3.7
WNW	1.7	.4	.3									2.5	3.2
NW	.5	.5										1.1	3.4
N.W	.9	.3										1.2	3.0
VARBL													
CALM												48.4	
	22.9	21.9	6.1	.6								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/PAO

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03930 LITTLE ROCK AFB AR 69-78 AUG  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
0900-1100  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	15 - 17	18 - 20	21 - 23	24 - 26	27 - 29	30 - 32	33 - 35	36 - 38	39 - 41	42 - 44	45 - 47	48 - 50	51 - 53	54 - 56	≥ 56	%	MEAN WIND SPEED
N	1.6	2.0	.3																	4.0	4.1
NNE	.3	2.6	1.1																	4.0	5.5
NE	1.6	2.5	2.3	.5																6.9	6.1
ENE	2.0	2.9	2.8	.4																8.1	5.9
E	2.9	4.8	2.0																	9.8	4.8
ESE	1.6	2.5	.8		.1															4.0	4.8
SE	2.5	2.4	.3																	5.2	3.9
SSE	1.1	3.9	.5																	5.5	4.6
S	1.4	4.9	1.5																	7.8	4.9
SSW	1.7	2.5	1.3	.4																5.9	5.3
SW	1.2	1.3	2.4	.4	.1															5.4	6.9
WSW	2.2	1.3	3.0	.5																7.0	6.4
W	1.3	3.0	2.5	.6																7.4	6.4
WNW	.9	1.6	.9																	3.3	5.1
NW	.9	1.5	.3	.1																2.8	4.6
NNW	1.1	1.4	.4																	2.9	4.4
YARBL																					
CALM																				9.1	
	24.2	41.0	22.4	3.1	.2															100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03:30      LITTLE ROCK AFB AR      69-78      AUG

STATION      STATION NAME      YEARS      MONTH

ALL WEATHER

CLASS

CONDITION

1200-1400  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.5	1.1									4.5	5.0
NNE	.8	2.7	1.1	.2	.1							4.8	5.9
NE	.8	2.5	1.5	.4	.1							5.5	6.3
ENE	1.1	3.3	2.8	.1								7.3	6.1
E	1.5	5.0	4.0	.5								11.0	6.4
ESE	.8	3.4	2.3	.3								6.8	6.3
SE	1.2	3.4	3.7	.5								8.8	6.3
SSE	1.0	4.1	3.1	.1								8.3	5.9
S	1.8	4.3	5.2	.4								11.7	6.3
SSW	.6	3.2	3.1	.6								7.5	7.1
SW	.6	1.4	2.4	.4								4.8	7.0
WSW	.5	1.9	1.2	.2								3.9	6.1
W	.8	2.0	1.3	.2								4.3	6.0
WNW	.2	1.2	.3	.2	.1							2.0	6.6
NW	.4	.9	.8	.2	.1							2.4	6.7
NNW	.8	1.4	.4									2.6	4.7
VARBL													
CALM												3.7	
	13.8	43.2	34.2	4.7	.4							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS      929

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 03970 STATION NAME LITTLE ROCK AFB AR YEARS 69-78 MONTH AUG  
CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700  
CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-13	14-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.8	1.2										3.7	6.4
NNE	.4	1.5	1.1	.4									3.4	6.7
NE	.9	2.5	2.2	.4									6.2	6.3
ENE	.5	3.5	3.5	.3									8.0	6.7
E	1.1	5.6	6.1	.4									13.2	6.7
ESE	.5	4.3	3.9	.3									9.0	6.6
SE	1.3	4.6	3.5	.2									9.7	5.8
SSE	2.4	4.3	4.2	.1									11.0	5.8
S	1.3	5.9	5.3	.1	.2								14.4	6.4
SSW	.2	1.1	2.6	.4									4.3	7.6
SW	.3	1.4	1.7	.1									4.2	6.1
WSW	.5	.4	1.1	.2									2.3	7.3
W	.6	1.6	.9										3.1	5.2
WNW	.2	.6	.3										1.2	5.6
NW	.1	1.2	.3	.2									1.8	5.9
NNW	.6	.6	.3	.1									1.7	4.7
VARBL														
CALM													3.0	
	12.5	41.4	39.2	3.7	.2								100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

01930  
STATION

LITTLE ROCK AFB AR  
STATION NAME

69-78  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.0	.1	.1								2.0	4.5
NNE	.6	1.0	.1	.1								2.0	4.1
NE	1.2	2.5	.3	.2								4.2	4.5
ENE	2.6	2.5	1.2									6.6	4.4
E	2.6	5.0	2.2									9.9	4.8
ESE	3.0	3.2	1.1	.1								7.2	4.4
SE	3.6	2.6	1.3									7.4	4.2
SSE	3.2	3.8	.6									7.6	3.9
S	5.0	5.2	1.8	.1								12.1	4.2
SSW	.4	2.0	.5	.1								3.1	5.1
SW	.1	.5	.6	.2								1.5	7.3
WSW	.1	.6	.3	.1								1.2	6.5
W	.6	.9	.3									1.9	4.3
WNW	.4	.1	.3									.9	4.8
NW	.4	.1	.1									.6	3.7
NNW	.4	.3		.1								.9	4.6
VARBL													
CALM												30.3	
	25.7	31.3	11.0	1.2								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFM WEATHER SERVICE/MAD

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00-3. LITTLE ROCK AFB A- 50-75 AUG  
STATION STATION NAME YEAR MONTH  
ALL WEATHER  
CLASS  
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.3	.3									1.2	4.9
NNE	.5	.4	.3	.1								1.4	5.2
NE	1.3	.6	.3									2.4	3.7
ENE	1.0	2.4	.6	.1								5.1	4.4
E	3.3	2.2	.8									5.2	4.1
ESE	1.2	1.1	.1									2.4	3.5
SE	.6	1.3	.1									2.0	3.9
SSE	2.6	1.5										4.1	3.1
S	4.4	3.3	.6									6.4	3.4
SSW	1.2	1.7	.4									3.3	4.1
SW	.1	.4	.2									.3	5.3
WSW	.6	.1										.6	2.6
W	1.0	.5										2.4	2.6
WNW		.4										.4	4.3
NW	.3	.2										.5	3.2
NNW	.6					.1						.3	8.7
VARBL													
CALM												59.4	
	19.7	16.7	3.9	.2		.1						100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03430 LITTLE ROCK AFB AR 69-78 AUG  
STATION MONTH  
ALL WEATHER  
CLASS  
CONDITION  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.1	.4	.1								2.4	4.8
NNE	.7	1.4	.5	.1	.0							2.7	5.3
NE	1.3	1.9	1.0	.2	.0							4.4	5.3
ENE	1.6	2.5	1.6	.1								5.9	5.3
E	1.9	3.3	2.0	.1								7.3	5.3
ESE	1.1	1.9	1.0	.1	.0							4.2	5.3
SE	1.5	1.9	1.1	.1								4.6	4.9
SSE	1.6	2.4	1.1	.0								5.1	4.8
S	3.0	3.8	2.1	.1	.0							9.0	4.8
SSW	1.0	2.0	1.1	.2								4.3	5.5
SW	.5	1.0	1.1	.2	.0							2.8	6.4
WSW	.7	.9	.8	.2								2.5	5.9
W	1.6	1.3	.7	.1								3.7	4.5
WNW	.5	.6	.3	.0	.0							1.4	4.8
NW	.5	.6	.2	.1	.0							1.4	4.9
NNW	.6	.5	.1	.0		.0						1.3	4.4
VARBL													
CALM												36.8	
	18.9	27.2	15.1	1.8	.1	.0						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 7435

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

02930      LITTLE ROCK AFB AP      69-78      SEP

STATION      STATION NAME      YEARS      MONTH

ALL WEATHER

CLASS

0000-0200

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.1	.4									3.1	4.0
NNE	1.3	1.1	.7									3.1	4.6
NE	1.3	1.8	.4									3.6	4.1
ENE	1.8	1.7	.7	.6								4.7	5.3
E	1.4	.8	.4									2.7	3.7
ESE	.1	.4	.1									.7	4.8
SE	.9	1.2	.2									2.3	4.2
SSE	1.0	.8	.3									2.1	4.2
S	2.9	3.1	.2									6.2	3.7
SSW	.8	1.7	.2									2.7	4.4
SW	.1	.3										.4	4.8
WSW	.6	.2										.8	2.9
W	2.0	.8	.1									2.9	3.1
WNW	.6	.6	.2									1.3	3.8
NW	.7	.6	.3									1.6	4.2
NNW	.8	.4	.1									1.3	3.5
VARBL													
CALM												60.5	
	17.8	16.6	4.6	.6								100.0	1.6

TOTAL NUMBER OF OBSERVATIONS      898

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03930  
STATION

LITTLE ROCK AFB AR  
STATION NAME

69-78  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	.6	.4									2.8	4.0
NNE	1.7	1.6	.4									3.7	4.0
NE	1.3	1.8	.7									3.8	4.5
ENE	1.7	2.0	.7	.3								4.7	5.0
E	.9	.4	.8									2.1	4.9
ESE	.4	.3	.1									.9	3.9
SE	1.1	.7	.2									2.0	3.6
SSE	1.1	1.2										2.3	3.7
S	3.0	1.7	.9									5.6	3.8
SSW	1.1	.8	.4									2.3	3.9
SW	.3	.2										.6	3.4
WSW	.6	.2										.8	3.0
W	3.4	.7										4.1	2.6
WNW	.9	.7	.1									1.7	3.5
NW	1.3	1.1	.1	.1	.1							2.8	4.5
NNW	1.0	.7	.1									1.8	3.6
VARBL													
CALM												58.2	
	21.7	14.6	5.0	.4	.1							100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03930      LITTLE ROCK AFB AR      69-78      SEP

STATION      STATION NAME      YEARS      MONTH

ALL WEATHER

CLASS

CONDITION

0600-0800  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.6	.3	.1								3.0	4.6
NNE	.9	2.0	1.2	.1								4.2	5.6
NE	1.3	3.7	1.7	.3								7.0	5.5
ENE	2.3	2.9	1.8	.2								7.2	5.2
E	2.0	1.7	.8	.1								4.6	4.4
ESE	1.3	.8										2.1	3.1
SE	1.3	.7	.1									2.1	3.4
SSE	1.2	1.3	.3									2.9	4.0
S	3.1	3.3	.6									7.0	4.0
SSW	1.1	1.7	.7	.1								3.6	5.2
SW	.8	1.1	.3									2.2	4.6
WSW	.6	.6	.4									1.6	4.8
W	3.1	1.2										4.3	2.9
WNW	1.3	.9	.1									2.3	3.7
NW	1.2	1.0	.1									2.3	4.0
NNW	1.2	.9	.4									2.6	4.3
VARBL													
CALM												41.0	
	23.9	25.2	8.9	1.0								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS      900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03930  
STATION

LITTLE ROCK AFB AR  
STATION NAME

69-78  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.2	2.1	.3								6.7	5.9
NNE	1.1	1.4	1.3	.6								4.4	6.3
NE	1.9	3.7	3.1	.9								9.6	6.3
ENE	2.0	4.7	3.4	1.0								11.1	6.4
E	2.2	4.1	2.3	.3								9.0	5.6
ESE	1.1	1.0	.7	.3								3.1	5.4
SE	1.3	1.4	.3	.1								3.2	4.6
SSE	1.6	2.4	.8	.1								4.9	4.8
S	2.2	4.4	2.3	.1								9.1	5.3
SSW	1.1	2.0	3.8	.4	.1							7.4	6.9
SW	.7	3.0	2.9	.8								7.3	6.7
WSW	.8	1.4	2.1	.1								4.4	6.2
W	1.2	1.7	.4									3.3	4.3
WNW	1.0	1.3	.7									3.0	4.7
NW	.9	.9	.8									2.6	4.6
NNW	.7	.8	.2	.1								1.8	5.0
VARBL													
CALM												9.0	
	21.2	37.1	27.3	5.2	.1							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03930      LITTLE ROCK AFB AR      69-78      SEP

STATION      STATION NAME      YEARS      MONTH

ALL WEATHER

CLASS

CONDITION

1200-1400

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.2	1.9	.1	.1							5.2	6.4
NNE	1.7	2.4	1.0	.1								5.2	4.8
NE	1.1	3.0	3.4	.8								8.3	6.8
ENE	1.3	3.1	4.2	.6	.1							9.3	6.9
E	1.6	4.7	3.4	.4								10.1	5.9
ESE	.8	2.0	1.9	.6								5.2	6.6
SE	2.0	2.2	1.6	.6								6.3	5.5
SSE	1.3	3.2	2.6	.2								7.3	5.7
S	1.7	4.2	4.8	.4								11.1	6.3
SSW	.4	2.6	2.9	.6	.1							6.6	7.4
SW	.2	1.8	2.0	1.2								5.2	8.0
WSW	.9	1.3	2.2	.6								5.0	7.0
W	.8	1.2	.8									2.8	5.2
WNW	.2	1.2	.4									1.9	5.5
NW	.6	1.2	.8									2.6	5.3
NNW	.4	1.3	.9	.2								2.9	6.2
VARBL													
CALM												4.8	
	15.9	37.8	34.8	6.3	.3							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

21692

53930 LITTLE ROCK AFB AP 69-76 SEP  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1500-1700  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.4	2.3	.1								6.4	5.7
NNE	1.0	1.2	1.4									3.7	5.9
NE	.9	1.9	1.7	.6								5.0	6.4
ENE	1.7	3.2	4.2	.6								9.7	6.6
E	2.4	5.1	3.2	.4								11.2	5.6
ESE	1.6	3.1	1.3	.8								7.0	5.7
SE	1.0	2.7	2.2	.8								6.7	6.4
SSE	1.0	6.4	3.1	.4								11.9	5.6
S	2.0	6.3	3.8									12.1	5.5
SSW	.6	2.3	1.9	.4								5.2	6.7
SW	.7	1.0	1.7	.6								3.9	6.9
WSW	.3	.8	.8	.2								2.1	6.9
W	.7	1.0	1.1	.2	.1							3.1	6.3
WNW	.2	.4			.2							.9	7.4
NW	.7	1.2	.9									2.8	5.5
NNW	.8	.9	1.2	.1								3.0	6.2
VARBL													
CALM												5.3	
	13.1	40.1	30.9	5.2	.3							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATION)

03930 LITTLE ROCK AFB AR 69-78 SEP  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1800-2000  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.8	1.8	.7	.2	.1							5.6	4.4
NNE	1.3	.9	.2									2.4	3.6
NE	.7	2.2	.8									3.7	5.1
ENE	3.0	3.4	.9	.3								7.7	4.6
E	2.8	3.0	1.0	.3								7.1	4.8
ESE	2.3	2.3	1.0	.2								5.9	4.4
SE	1.7	2.3	1.2	.2								5.4	4.9
SSE	4.0	1.8	.1									5.9	2.9
S	2.7	3.9	.9	.1								7.6	4.4
SSW	1.4	1.1	.2									2.8	3.6
SW	.2	.4										.8	3.9
WSW	.2	.3	.1	.1								.8	5.9
W	.6	.7										1.2	3.5
WNW	.8	.2	.2	.1	.2							1.6	6.9
NW	.9	.1		.1								1.1	3.4
NNW	1.2	.6	.4									2.2	4.1
VARBL													
CALM												38.3	
	26.7	25.1	7.8	1.8	.3							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 03930 STATION NAME LITTLE ROCK AFB AP YEARS 69-78 MONTH SEP  
ALL WEATHER  
CLAS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.6	.3	.2								3.4	4.4
NNE	1.3	1.7	.2	.1								3.3	4.2
NE	2.0	1.1	.4									3.6	3.9
ENE	1.9	2.7	.7	.4								5.7	4.9
E	1.4	1.8	.6									3.8	4.4
ESE	1.0	.8	.2	.1								2.1	4.2
SE	1.5	2.3	.7									4.6	4.4
SSE	2.4	1.9										4.3	3.3
S	3.9	2.9	.3	.1								7.2	3.6
SSW	.6	1.1	.5									2.2	4.8
SW	.3	.4	.1									.9	4.6
WSW	.2	.2		.1								.6	5.4
W	1.0	.6	.1									1.7	3.3
WNW	.4	.1	.3									.9	4.6
NW	.7	.2	.6									1.4	4.2
NNW	.6	.4	.2									1.2	4.4
VARBL													
CALM												53.1	
	20.7	19.8	5.3	1.1								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION 03930 STATION NAME LITTLE ROCK AFB AP YEARS 60-78 MONTH SEP  
CLASS ALL WEATHER  
CONDITION ALL  
(MOVES 'L.S.T.')

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.3	1.1	.1	.0							4.5	5.1
NNE	1.3	1.5	.8	.1								3.8	5.0
NE	1.3	2.4	1.5	.3								5.6	5.7
ENE	2.0	3.0	2.1	.5	.0							7.5	5.8
E	1.3	2.7	1.6	.2								6.3	5.2
ESE	1.1	1.3	.7	.3								3.4	5.2
SE	1.4	1.7	.8	.2								4.1	5.0
SSE	1.8	2.4	.9	.1								5.2	4.6
S	2.7	3.7	1.7	.1								8.2	4.8
SSW	.9	1.7	1.3	.2	.0							4.1	5.9
SW	.4	1.0	.9	.3								2.7	6.5
WSW	.5	.6	.7	.1								2.0	6.0
W	1.6	1.0	.3	.0	.0							2.9	3.9
WNW	.7	.7	.3	.0	.1							1.7	4.8
NW	.9	.8	.4	.0	.0							2.1	4.6
NNW	.8	.8	.5	.1								2.1	4.9
VARBL													
CALM												33.8	
	20.7	27.0	15.6	2.7	.2							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 7197

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

G3930      LITTLE ROCK AFB AF      60-78      OCT  
STATION      STATION NAME      YEARS      MONTH  
ALL WEATHER  
CLASS  
CONDITION  
8000-0200  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.5	1.0									3.9	4.7
NNE	.4	1.5	.8									2.7	5.6
NE	.4	.6	1.2	.2								2.5	6.5
ENE	1.0	1.6	.4		.1							3.1	5.0
E	1.3	.8	.5									2.6	4.0
ESE	.5	.2	.3									1.1	4.8
SE	.6	1.3	.2									2.2	4.2
SSE	.6	1.2	.2	.1								2.2	4.7
S	1.7	2.2	.9									4.7	4.5
SSW	.6	1.0	.1									1.7	4.1
SW	.2											.2	2.5
WSW	.8	.4		.3								1.5	5.6
W	4.5	2.4										6.9	3.0
WNW	.6	1.0		.1								1.8	4.2
NW	1.1	.9	.3									2.3	4.2
NNW	.6	1.3	.2	.1								2.3	4.4
VARBL													
CALM												58.5	
	16.7	17.7	6.1	.9	.1							100.0	1.8

TOTAL NUMBER OF OBSERVATIONS      930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03930      LITTLE ROCK AFB AR      69-76      OCT

STATION      STATION NAME      YEARS      MONTH

ALL WEATHER

CLASS

CONDITION

0300-0500

MOVER (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	1.2	.6	.2								4.2	4.9
NNE	1.2	1.3	1.7	.2								3.7	5.5
NE	.5	1.2	1.3	.2								3.5	6.1
ENE	1.5	1.7	.4									3.4	4.0
E	.5	.8	.1									1.6	4.1
ESE	.6	.5		.1								1.3	4.1
SE	.6	.8	.1									1.6	4.0
SSE	.6	.6	.3									1.7	4.4
S	1.7	1.7	.6									3.3	4.6
SSW	.2	.5	.5									1.3	6.3
SW	.1	.1	.1	.3								.6	8.7
WSW	.6	.6										1.3	3.6
W	5.4	3.0	.2	.1								8.7	3.2
WNW	1.8	1.6	.1									3.5	3.7
NW	.5	1.4		.1								2.0	4.2
NNW	.8	.9	.5	.2								2.4	5.7
VARBL													
CALM												55.7	
	18.1	18.6	6.1	1.5								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS      930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

00000 LITTLE ROCK AFB AR 60-76 GCT  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
3600-3600  
MOVES (L.E.T)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	1.7	1.0	.1								4.5	4.6
NNE	.0	1.8	.8	.2								3.2	6.1
NE	.6	2.2	2.2	.3								5.2	6.4
ENE	1.7	2.3	.9	.1								4.7	4.6
E	2.0	1.0	.5									3.5	3.9
ESE	1.8	.8	.8	.2								3.2	5.0
SE	1.0	.8	.3									2.0	4.2
SSE	1.7	1.1	.4	.1								2.6	4.7
S	1.5	1.7	1.0									4.1	4.6
SSW	.8	.4	.3	.2								1.5	6.1
SW	.9	.1	.1	.5								1.6	6.5
WSW	1.0	.5	.1									1.5	3.3
W	3.3	2.0	.4	.1								5.9	3.5
WNW	2.2	1.0	.3	.1								3.5	3.7
NW	1.1	1.6	1.2									3.9	5.3
NNW	.5	1.7	.2									2.5	4.9
VARBL													
CALM												46.3	
	20.8	20.4	10.4	2.0								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

02430  
STATION

LITTLE ROCK AFB AR  
STATION NAME

69-76  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.6	2.9	.5	.1							5.8	7.4
NNE	.6	1.3	2.3	.5	.1							4.5	7.8
NE	1.4	2.2	2.4	.9	.1							5.9	6.8
ENE	1.5	2.3	3.7	.2								8.0	6.0
E	2.3	2.9	1.4	.1								6.7	4.9
ESE	1.9	1.4	.6	.2								4.1	4.8
SE	1.9	1.4	1.5	.1								4.7	5.3
SSE	1.6	2.2	1.6	.3								5.9	5.7
S	1.6	3.2	4.5	.3								9.9	6.2
SSW	1.1	2.5	2.3	.5								6.3	6.2
SW	1.6	2.9	1.5	.6								6.6	5.9
WSW	1.1	1.7	.6	.4								3.1	5.6
W	1.1	1.9	1.6	.1								4.7	5.6
WWW	1.1	1.7	.6	.2								3.7	5.1
NW	1.1	1.7	1.4	.1								4.3	5.4
NNW	1.4	2.3	1.6	.8								5.8	6.3
VARB													
CALM												9.0	
	22.4	31.7	30.5	5.9	.3							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFIP WEATHER SERVICE/MAO

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FR 1 HOURLY OBSERVATIONS)

SURFACE WINDS

03930 LITTLE ROCK AFB AR 69-78 OCT  
STATION STATION NAME YEARS NORTH  
ALL WEATHER  
CLASS  
CONDITION  
1200-1400  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.0	3.0	.9								7.4	6.9
NNE	1.1	1.9	1.4	.1								4.5	5.5
NE	.8	1.6	1.9	.6								4.9	6.7
ENE	1.5	1.7	1.9	.2								5.4	5.6
E	1.2	2.6	2.2	.3								6.5	5.9
ESE	.8	1.2	1.5									3.4	5.7
SE	.9	1.5	1.5	.6								4.5	6.7
SSE	1.2	2.9	1.8	.2								6.1	5.8
S	1.7	5.2	5.5	.5								12.9	6.5
SSW	1.0	2.6	2.9	1.3								8.0	7.3
SW	.8	2.2	2.7	1.3								6.9	7.4
WSW	.9	1.5	.9	.4	.1							3.8	6.3
W	1.4	2.5	1.1	.5								5.5	5.7
WNW	.2	1.5	1.9	.2								3.9	6.8
NW	.4	2.3	1.8	.8								5.3	6.9
NNW	1.0	2.6	2.3	.1								5.9	6.2
VARBL													
CAL												5.2	
	16.1	36.1	34.3	8.2	.1							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03530 STATION LITTLE ROCK AFB AD 69-78 YEARS OCT MONTH  
1500-1700 HOURS (L S T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.3	2.4	.6								7.2	6.0
NNE	1.0	1.5	1.0	.1								3.5	5.7
NE	1.0	1.1	1.8	.3								4.2	6.4
ENE	1.4	3.0	2.3	.1								6.8	5.5
E	1.0	3.9	1.9	.2								7.0	5.8
ESE	1.5	2.9	.9	.1								5.3	4.8
SE	1.9	2.0	1.2	.2								5.4	5.0
SSE	2.4	2.2	2.0	.2								6.8	5.4
S	2.6	5.4	3.4	.6								12.0	5.8
SSW	.6	3.7	3.4	.5								7.6	6.8
SW	.8	1.0	1.4	.5								3.7	6.9
WSW	.5	.5	.5	.2								1.8	6.4
W	1.0	2.3	1.1	.3								4.6	5.6
WNW	1.1	2.9	1.4	.4								5.8	5.8
NW	1.6	1.9	2.2	.2								5.9	5.6
NNW	1.4	1.5	1.5									4.4	5.2
VARBL													
CALM												8.0	
	21.6	37.2	28.4	4.8								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

07930 STATION LITTLE ROCK AFB AF 60-78 YEARS OCT MONTH  
1800-2000 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	1.5	1.5									6.1	4.4
NNE	1.4	1.7	.2									2.6	3.7
NE	1.2	1.4	.1	.1								2.8	4.2
ENE	1.4	2.3	.4									4.1	4.3
E	1.6	1.9	.5	.1								4.2	4.6
ESE	.8	.6	.3	.1								1.8	4.6
SE	1.8	1.3	.2									3.3	3.5
SSE	1.2	1.6	.6									3.4	4.3
S	3.7	3.3	.6	.2								7.8	4.2
SSW	1.9	1.2	.1									3.2	3.4
SW	.1	.6	.1	.1								1.0	5.8
WSW	.1	.2										.3	4.0
W	1.5	1.1	.5									3.1	4.1
WNW	1.2	.8	.2	.2								2.4	4.4
NW	.8	.6	.3	.1								1.8	4.6
NNW	.8	.4	.8	.3								2.3	6.1
VARBL													
CALM												49.7	
	22.5	19.9	6.7	1.3								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

01930  
STATION

LITTLE ROCK AFB AF  
STATION NAME

69-78  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.0	1.3	.1								4.5	5.7
NNE	.9	1.2	.6									2.7	4.7
NE	1.1	1.2	.3									2.6	4.2
ENE	1.2	2.7	.6									4.5	4.3
E	1.0	.6	.6	.1								3.2	4.1
ESE	.4	.8	.1									1.3	4.8
SE	.9	1.4	.2									2.5	4.2
SSE	1.6	2.5	.5									4.6	4.4
S	1.0	1.0	1.1	.2								5.5	4.9
SSW	.9	1.1	.3									2.2	4.4
SW	.3	.1	.1		.1							.6	6.3
WSW	.4	.5	.1	.1								1.2	4.9
W	3.1	2.0	.2									5.4	3.4
WNW	.5	1.2	.3	.1								2.2	4.9
NW	1.0	1.3	.2									2.5	4.2
NNW	.5	.8	.6	.2								2.2	6.3
VARBL													
CALM												52.5	
	17.1	21.7	7.7	.9	.1							160.0	2.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03-80 STATION LITTLE ROCK AFB AR 69-78 YEARS OCT MONTH  
STATION NAME CLASS ALL HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.9	1.7	.3	.2							5.5	5.7
NNE	.9	1.4	1.7	.1	.2							3.4	5.7
NE	.9	1.4	1.4	.3	.2							4.1	6.1
ENE	1.4	2.2	1.3	.1	.3							5.0	5.1
E	1.5	1.8	1.0	.1								4.4	4.9
ESE	1.7	1.7	.6	.1								2.7	4.9
SE	1.2	1.3	.6	.1								3.3	4.9
SSE	1.3	1.6	1.0	.1								4.2	5.1
S	2.7	3.1	2.2	.2								7.5	5.5
SSW	.6	1.6	1.2	.3								4.0	6.1
SW	.6	.9	.8	.4	.2							2.6	6.7
WSW	.7	.7	.3	.2	.0							1.8	5.4
W	2.7	2.2	.6	.1								5.6	4.1
WNW	1.1	1.5	.6	.2								3.3	5.0
NW	.9	1.5	.9	.2								3.5	5.4
NNW	.9	1.4	1.0	.2								3.5	5.8
VARBL													
CALM												35.6	
	19.4	25.4	16.3	3.2	.1							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFW WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 00030 LITTLE ROCK AFB AF 69-76 NOV  
STATION NAME YEARS MONTH  
CLASS ALL WEATHER  
CONDITION 3000-0200  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.1	1.0	.2								4.6	4.8
NNE	.6	1.0	.6	.2								2.3	5.7
NE	.5	1.4	.6	.4								3.2	6.0
ENE	1.1	1.0	.2	.1								2.4	4.1
E	.7	.4	.6									1.7	4.7
ESE	1.1	1.1	.1									2.3	4.0
SE	.5	.8	.3	.3								2.0	5.9
SSE	1.2	.9	1.2	.1								3.4	5.2
S	2.0	1.7	1.0	.9	.1							5.7	6.1
SSW	1.3	1.3	.9	.3								3.9	5.6
SW	.6	.9	.6									2.0	4.9
WSW	.6	1.0	.4	.1								2.1	5.6
W	2.2	4.8	.7	1.0	.1	.1						6.9	5.7
WNW	1.3	1.2	.8	.4	.1							3.9	5.9
NW	1.6	2.1	2.3	.4								6.4	5.9
NNW	.8	1.8	.8	.3								3.7	5.9
VARBL													
CALM												41.4	
	18.6	22.6	12.0	5.0	.3	.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION L2930 STATION NAME LITTLE ROCK AFB AR YEARS 69-78 MONTH NOV  
CLASS ALL WEATHER  
CONDITION 0300-0500  
HOURS (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.3	1.1	.1								5.2	4.9
NNE	.7	1.3	1.1	.1								2.9	6.0
NE	.6	1.2	1.0	.1								2.9	6.0
ENE	1.3	.9	.8	.1								3.1	5.0
E	1.7	.4	.8	.1								2.3	5.0
ESE	.3	.1		.1								.6	4.6
SE	.7	.4	.7	.3								2.1	6.8
SSE	.5	1.2	.3									2.3	4.2
S	1.8	2.3	.9	.4	.1							5.6	5.5
SSW	.4	1.1	1.0	.3								2.9	6.8
SW	.2	.9	.7	.2								2.0	6.7
WSW	.9	.8	.3	.1								2.1	5.1
W	3.4	3.5	.6	1.1								8.7	4.9
WNW	.8	1.8	.7	.3	.1							3.7	6.2
NW	2.0	2.0	1.7	.2								5.9	5.4
NNW	.7	1.3	1.0	.8								3.8	7.2
VARBL													
CALM												44.0	
	17.2	21.4	12.6	4.6	.2							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

0000	LITTLE ROCK AFB AR	69-78	NOV
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			0600-0800
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.7	2.6									5.1	6.2
NNE	1.3	1.3	.4	.2								3.3	4.7
NE	.7	2.1	1.2	.1								4.1	5.8
ENE	1.7	1.3	.9	.4								4.3	5.1
E	1.8	1.8	.2	.1								3.9	4.0
ESE	.8	.7		.1								1.6	3.9
SE	.9	.8	1.1	.2								3.0	6.0
SSE	1.3	1.3	1.2	.1								4.0	5.3
S	2.0	2.3	1.4	.2								6.0	5.1
SSW	.7	1.3	.3	.2								2.6	5.6
SW	.1	.9	.3	.2								1.4	6.7
WSW	.9	.9	.3	.1	.1							2.3	5.3
W	3.3	2.8	.9	1.3	.2							8.3	5.7
WNW	1.7	2.1	1.1	.6								5.4	5.8
NW	1.3	2.0	1.4	.3								5.1	5.8
NNW	.8	1.3	.7	.3								3.1	5.7
VARBL													
CALM												36.3	
	20.1	24.3	14.2	4.7	.3							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 08430 STATION NAME LITTLE ROCK AFB AR YEARS 69-78 MONTH NOV  
CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.4	3.5	.6								7.7	7.2
NNE	.6	2.2	2.1	.3								5.2	6.4
NE	.3	1.3	1.9	.3								4.3	7.1
ENE	1.0	2.8	2.1	.7								6.6	6.4
E	.9	3.6	1.3	.1								5.9	5.3
ESE	.6	1.9	.8	.2								3.4	5.4
SE	.1	1.9	.9	.3	.1							3.3	7.0
SSE	1.1	2.3	2.0	.8								6.2	6.3
S	2.6	3.6	3.3	.4								9.9	5.8
SSW	1.0	3.2	2.1	.9								7.2	6.6
SW	1.3	2.0	1.9	1.1	.2							6.6	7.2
WSW	.7	.8	.9	.6	.1							3.0	7.1
W	.7	1.2	1.3	1.6	.4	.2						5.4	9.8
WNW	.8	1.7	2.0	1.9	.3							6.7	8.7
NW	.6	.9	2.8	1.2								5.4	8.5
NNW	.2	1.2	2.8	1.4	.1							5.8	8.9
VAERL													
CALM												7.3	
	13.2	33.4	32.0	12.4	1.3	.2						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 07400 LITTLE ROCK AFB AR 69-78 NOV  
STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.7	3.4	1.3								7.9	7.3
NNE	1.3	1.3	1.3	.1								4.1	5.4
NE	.3	1.3	1.9	.2								3.5	6.6
ENE	.9	3.6	2.1	.4								7.5	6.1
E	.4	2.6	.4	.2								4.7	6.2
ESE	1.0	1.6	.8	.2								3.6	5.2
SE	.8	1.4	1.4	.3	.1							4.1	6.6
SSE	1.0	2.2	1.6	.9								5.9	6.5
S	1.7	5.4	4.7	1.4								13.2	6.6
SSW	.9	2.0	1.9	1.3	.1							6.1	7.8
SW	.9	.9	2.9	2.3		.1						7.0	9.0
WSW	.3	1.1	1.0	1.0	.4							3.9	9.6
W	.6	1.9	1.6	2.0	.9	.2						7.0	10.3
WNW	.3	1.9	2.2	2.8	.3							7.6	9.7
NW	.6	1.1	2.4	1.6	.3							6.0	8.9
NNW	.4	1.7	2.8	1.0	.1							6.0	6.2
VARBL													
CALM												2.2	
	12.3	31.9	33.6	17.3	2.3	.3						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFIP WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03430 LITTLE ROCK AFB AR 69-78 NOV  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION

SPEED (KNTS) Dir.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.5	2.2	.8								5.3	7.2
NNE	1.0	1.0	1.7	.1								3.8	6.0
NE	1.0	2.1	1.4	.3								4.9	6.2
ENE	1.5	2.2	1.2									4.8	5.0
E	1.7	2.4	1.9									6.0	5.2
ESE	1.8	1.3	1.3	.4								4.9	5.4
SE	2.3	3.6	2.1	.3								8.3	5.3
SSE	1.7	3.4	1.7	.8								7.6	5.8
S	2.0	3.3	2.8	1.6								9.7	6.6
SSW	1.1	2.7	2.2	.6								6.6	6.6
SW	.2	1.3	2.1	.6								4.2	7.9
WSW	.2	.2	.7	.4	.2							1.8	10.4
W	1.2	2.9	2.8	2.2	1.1							10.2	9.0
WNW	.6	1.3	2.7	2.1								6.7	8.7
NW	.8	1.6	.9	.9								4.1	7.1
NNW	1.0	1.7	2.0	1.0								5.7	7.1
VARBL													
CALM												5.6	
	18.4	32.9	29.7	12.1	1.3							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 900

## SURFACE WINDS

12470	LITTLE ROCK FEB 48
STATION	STATION NAME

69-76

NOV

ALL WEATHER

1500-2000  
MOVIES (L.I.T.)

**CLAIM**

### COMMITMENT

[illegible]**TOTAL NUMBER OF OBSERVATIONS**

900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION: 13930 STATION NAME: LITTLE ROCK AFB AR YEARS: 69-78 NCV: MONTH  
ALL WEATHER 2100-2300  
CLAS MOVES (L.S.T.)  
CONDITION

SPEED (KNTS) Dir.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.7	.7	1.4	.6								4.7	5.9
NNE	.9	1.2	1.7	.3								3.4	5.7
NE	.6	1.8	.7	.3								3.3	5.6
ENE	1.2	1.4	.2	.2								3.1	4.6
E	1.7	1.1	.4									3.2	4.1
ESE	1.2	1.1	.3									2.7	3.8
SE	.9	.6	.4	.2								2.1	4.9
SSE	2.1	1.0	.6	.7								4.3	5.3
S	1.0	2.9	1.1	.1	.3							6.3	5.5
SSW	.8	2.1	.6	.2								3.9	5.4
SW	.7	1.1	.7									2.4	5.4
WSW	.4	1.2	.8									2.4	5.6
W	4.7	3.9	1.2	.7								10.4	4.7
WNW	1.4	1.7	1.1	1.1	.2							5.6	7.2
NW	1.2	1.6	1.3	.4								4.6	6.0
NNW	1.2	.5	.8	.3								3.1	5.5
VARBL													
CALM												34.3	
	22.9	24.1	12.9	5.2	.6							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAG

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LITTLE ROCK AFB AR STATION NAME 69-78 YEARS NOV  
STATION ALL CLASS ALL MONTH NOV  
STATION ALL CLASS ALL MONTH NOV  
STATION ALL CLASS ALL MONTH NOV

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	1.7	2.1	.5								5.7	6.2
NNE	.9	1.3	1.2	.2								3.6	5.6
NE	.5	1.5	1.2	.3								3.7	6.2
ENE	1.3	1.4	1.1	.3								4.5	5.3
E	1.2	1.7	.9	.1								3.9	4.9
ESE	1.0	1.2	.5	.1								2.6	4.7
SE	.9	1.4	1.5	.3	.7							3.6	5.9
SSE	1.4	1.7	1.3	.5								4.9	5.7
S	2.2	2.0	2.1	.6	.1							5.0	5.8
SSW	.9	2.0	1.3	.5	.7							4.7	6.4
SW	.5	1.2	1.2	.6	.7	.0						3.5	7.3
WSW	.6	.5	.5	.3	.1							2.4	7.0
W	2.2	3.0	1.3	1.3	.3	.1						6.3	6.7
WNW	1.0	1.7	1.5	1.2	.2							5.7	7.6
NW	1.2	1.6	1.7	.7	.0							5.2	6.8
NNW	.8	1.3	1.5	.7	.0							4.3	7.1
VARBL													
CALM												25.2	
	13.1	27.0	20.5	5.2	.5	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

05490 LITTLE ROCK AFB AR 69-78 DEC  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.6	1.2	.5								5.4	5.8
NNE	.6	1.7	1.0	.2								3.5	6.1
NE	.6	1.6	.8	.4								3.7	6.1
NNE	1.4	1.5	1.8									4.7	5.4
E	1.4	.6	.3									2.4	4.0
ESE	.9	.3	.1									1.3	3.8
SE	.5	.2										1.1	2.6
SSE	1.6	1.0	1.1	.5								4.2	5.8
S	1.8	1.4	2.2	.2								5.6	5.8
SSW	.6	1.1	.8	.2								2.7	5.7
SW	.3	.8	.5	.2	.1							1.9	7.3
WSW	.3	.8	.1	.1								1.3	5.6
W	2.3	2.7	1.5	.4	.2							6.5	5.7
WNW	.4	2.3	2.2	1.0								5.8	7.3
NW	.8	1.6	1.5	.3								4.2	6.6
NNW	1.0	1.2	1.2	.2	.3							3.9	7.1
VARBL													
CALM												41.9	
	16.2	20.6	16.1	4.4	.6							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION DEATS STATION NAME LITTLE ROCK AFB AR YEARS 69-78 NORTH DEC  
CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500  
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.2	1.3	.2								4.7	5.9
NNE	.6	.9	1.1	.1								2.7	5.7
NE	.4	1.6	1.1	.2								3.3	6.3
ENE	1.5	1.5	1.5	.9								5.4	6.5
E	.6	1.1	1.1									2.8	5.6
ESE	.6	.4	.1									1.2	3.4
SE	.6	.2		.4								1.3	5.9
SSE	1.6	.6	1.7	.2								3.4	5.1
S	1.8	1.4	1.1	.3								4.6	5.0
SSW	.5	.6	.6	.4								2.3	7.0
SW	.3	1.1	.2	.5	.2							2.4	8.0
WSW	.3	.9	.2									1.4	4.5
W	3.4	1.9	1.9	1.2								8.5	5.7
WNW	.4	2.0	1.4	1.0								4.8	7.6
NW	.6	2.8	1.0	.5								4.9	6.3
NNW	1.2	1.6	1.4	.5								4.7	6.5
VARBL													
CALM												41.5	
	16.0	20.9	14.9	6.6	.2							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 03930 STATION NAME LITTLE ROCK AFB AR YEARS 69-78 MONTH DEC  
CLASS ALL WEATHER HOURS (L.S.T.) 3600-3600  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.4	1.5	.8								6.0	6.1
NNE	.5	1.6	.6	.1								2.9	5.4
NE	.5	1.4	1.6	.2								3.8	6.6
ENE	1.2	1.7	1.0	.5								4.4	5.8
E	1.2	1.3	1.4									3.9	5.4
ESE	1.2	.9	.1	.1								2.3	4.1
SE	.5	.8	.5	.1								1.9	5.6
SSE	1.3	1.5	.6	.5								4.0	5.6
S	2.0	1.4	1.1	.2								4.7	4.9
SSW	.9	.5	.8	.1								2.3	5.2
SW	1.0	.4	1.2	.2	.1	.1						3.0	7.4
WSW	.6	.8	.3	.1								1.8	5.3
W	1.9	3.1	1.8	.2								7.1	5.3
WNW	1.0	1.8	2.7	1.0	.1							6.6	7.3
NW	1.2	2.0	.9	.9								4.9	6.4
NNW	.2	1.4	1.7	.5								3.9	7.3
VARBL													
CALM												36.6	
	16.7	23.0	17.8	5.6	.2	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

05930      LITTLE ROCK AFB AR      69-78      DEC

STATION      STATION NAME      YEARS

ALL WEATHER

CLASS

CONDITION

0900-1100

HOURS (L.S.T.)

SPEED (KNTS) DIP.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.2	3.1	1.0	.1							7.0	7.5
NNE	.2	.4	.6									1.3	6.3
NE	.4	2.3	1.3	.4								4.2	6.3
ENE	1.3	1.9	2.7	1.0	.1							6.9	7.0
E	1.4	2.5	3.3									6.9	5.7
ESE	1.3	1.5	1.2	.1								4.1	5.1
SE	1.2	2.0	1.3	.1								4.6	5.3
SSE	.8	1.9	2.3	.2								5.2	6.2
S	2.2	3.3	2.9	.6								9.5	6.0
SSW	.6	1.7	2.8	.2								5.4	6.4
SW	1.0	1.4	2.0	1.6	.2							6.2	8.3
WSW	1.0	.4	.5	.5								2.5	6.3
W	1.3	1.9	2.0	1.3	.1							6.7	7.1
WNW	.9	1.5	3.3	1.9								7.6	8.4
NW	.4	1.5	2.8	1.1	.1	.1						6.0	8.6
NNW	.3	2.2	3.2	1.4	.2							7.3	8.5
VARBL													
CALM												8.7	
	15.2	28.5	35.2	11.5	.9	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS      930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

07930  
STATION

LITTLE ROCK AFB AR  
STATION NAME

69-78  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.3	4.2	1.2								6.9	6.5
NNE	.4	1.1	.5	.3								2.5	6.4
NE	1.7	1.6	1.3	.6								4.7	6.3
ENE	1.3	1.5	1.9	.8								5.5	6.5
E	1.1	3.1	2.3									6.5	5.6
ESE	1.2	1.7	1.3	.2								4.4	5.8
SE	.9	2.3	1.9	.2								5.3	6.1
SSE	1.1	3.3	4.4	.2								9.0	6.4
S	.9	3.1	3.1	.6	.1	.1						8.0	7.2
SSW	.8	1.6	3.1	1.0								6.5	7.7
SW	.9	.9	2.4	1.5	.1							5.6	8.4
WSW	.5	1.2	2.3	1.5								5.5	8.8
W	.5	1.4	2.6	2.0	.1							6.9	8.9
WNW	.5	1.7	3.2	2.5	.2							8.2	9.2
NW	.3	1.3	1.8	.8								4.2	7.8
NNW	.6	1.5	2.0	1.5	.5							6.2	9.1
VARBL													
CALM												4.3	
	12.2	28.7	38.7	14.9	1.1	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFW WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

07930 LITTLE ROCK AFB AR 69-78 DEC  
STATION STATION NAME YEARS MONTH  
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.3	2.3	1.2	.1							6.7	7.2
NNE	.1	.6	.6	.1								2.3	5.8
NE	.5	1.2	.9	.9								3.7	7.1
ENE	.5	2.7	1.7	.4								5.6	6.1
E	1.7	3.1	1.7									6.6	5.2
ESE	1.4	3.3	1.9	.4								7.1	5.8
SE	1.9	2.8	2.7	.2								7.6	5.6
SSE	1.3	3.7	2.3	.1								7.3	5.8
S	.6	3.1	2.7	.3								6.9	6.1
SSW	.8	2.6	1.8	.2								5.4	5.9
SW	.1	1.3	2.5	1.1	.1							4.7	8.9
WSW	.3	1.2	.9	1.0								3.3	8.1
W	.8	1.9	2.2	1.7	.1							6.7	8.1
WNW	.5	2.2	3.5	2.0	.1	.1						8.5	8.5
NW	.5	.9	2.3	1.5	.2							5.4	9.1
NNW	.8	1.7	1.8	.6	.1							5.1	7.2
VARBL													
CALM												7.3	
	14.0	34.2	31.8	11.8	.8	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION LITTLE ROCK AFB AR YEARS 69-78 MONTH DEC  
STATION NAME ALL WEATHER CLASS 1800-2000  
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.8	1.5	.1	.1							4.6	5.9
NNE	1.0	.9	.4	.1								2.4	4.8
NE	.8	.8	1.9	.3								3.8	6.9
ENE	2.0	2.4	1.4	.3								6.1	5.3
E	2.8	2.6	1.5	.1								7.0	4.5
ESE	1.5	1.7	.9	.2								4.3	4.9
SE	1.0	1.9	1.3	.4								5.3	5.5
SSE	3.0	1.5	1.6	.3								6.5	5.0
S	1.7	2.0	.3	.1								4.6	4.8
SSW	1.1	1.0	.4	.1								3.6	4.8
SW	.3	.6	.6	.4								2.0	6.8
WSW	.5	1.1	.1	.2	.1	.1						2.2	7.0
W	1.7	2.8	1.3	.3	.1							6.3	5.5
WNW	.5	.3	1.3	1.0	.1							3.8	8.0
NW	.9	.9	1.6	1.4								4.7	8.0
NNW	.6	2.0	1.7	.9	.1							5.5	7.2
VARBL													
CALM												27.3	
	21.5	25.8	18.4	6.4	.5	.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 37430 STATION NAME LITTLE ROCK AFB AP YEARS 69-78 MONTH DEC  
CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.4	2.3	.3								6.1	5.7
NNE	.3	1.2	1.2	.2								2.9	6.6
NE	1.1	1.5	.2	.2								3.6	5.3
ENE	.9	1.7	.9	.1								3.6	5.2
E	1.6	2.3	1.2	.2								5.3	5.1
ESE	1.6	1.0		.2								2.8	3.9
SE	2.2	1.0	.8	.5								4.4	5.1
SSE	2.0	.9	1.3	.3		.1						4.6	5.8
S	2.3	.8	1.4	.2								5.7	4.8
SSW	.3	1.3	.3	.1								2.0	5.4
SW	.2	.6	.6	.1								1.6	6.4
WSW	.9	1.0	.5									2.4	4.6
W	2.0	1.8	1.0	.4								5.3	4.9
WNW	.6	2.3	1.8	.4	.2							5.4	6.9
NW	.8	1.0	1.7	.6								4.1	7.2
NNW	1.4	1.5	1.2	.6	.1							5.2	6.7
VARIABLE													
CALM												35.0	
	20.4	22.5	16.9	4.7	.3	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 227

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03970 LITTLE ROCK AFB AR 69-76 DEC  
STATION STATION NAME YEARS MONTHS  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.0	2.2	.7	.0							5.9	6.7
NNE	.6	1.3	.8	.1								2.6	5.9
NE	.7	1.5	1.2	.4								3.8	6.4
ENE	1.3	1.9	1.6	.5	.0							5.3	6.0
E	1.5	2.1	1.6	.0								5.2	5.2
ESE	1.2	1.4	.7	.2								3.4	5.0
SE	1.2	1.4	1.1	.3								3.9	5.5
SSE	1.6	1.8	1.8	.3		.0						5.5	5.8
S	1.7	2.3	1.9	.3	.0	.0						6.2	5.7
SSW	.7	1.4	1.3	.3								3.8	6.2
SW	.5	.8	1.3	.7	.1	.0						3.4	8.0
WSW	.5	.9	.6	.4	.0	.0						2.5	6.9
W	1.7	2.1	1.8	1.0	.1							6.7	6.4
WNW	.6	1.8	2.4	1.3	.1	.0						6.3	8.0
NW	.7	1.5	1.7	.9	.0	.0						4.8	7.6
NNW	.8	1.7	1.8	.6	.2							5.2	7.6
VARBL													
CALM												25.3	
	16.5	25.5	23.8	8.2	.6	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 7434

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 07630 STATION NAME LITTLE ROCK AFB AR YEARS 69-78 ALL MONTH ALL

CLASS ALL WEATHER HOURS (L.S.T.) ALL

CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.7	1.6	.4	.0	.0						4.9	6.1
NNE	.9	1.2	.9	.2	.0							3.0	5.7
NE	.9	1.5	1.3	.3	.0		.0					4.1	6.1
ENE	1.3	2.1	1.6	.4	.0	.0						5.4	5.9
E	1.4	2.3	1.5	.2	.0							5.5	5.6
ESE	.9	1.3	.9	.2	.0							3.5	5.4
SE	1.1	1.4	1.0	.2	.0							3.7	5.4
SSE	1.3	1.9	1.3	.2	.0	.0						4.7	5.5
S	2.2	3.4	2.4	.4	.0	.0						8.5	5.6
SSW	.9	1.9	1.7	.5	.3	.0	.0					5.0	6.7
SW	.5	1.1	1.3	.7	.1	.0	.0					3.6	7.9
WSW	.7	1.3	.8	.4	.1	.0	.0					3.0	7.0
W	2.0	2.0	1.2	.7	.2	.1	.0	.0				6.1	6.2
WNW	.5	1.3	1.2	.8	.1	.0	.0					4.3	7.5
NW	.5	1.2	1.1	.5	.0	.0						3.6	6.7
NNW	.7	1.2	1.1	.4	.0	.0						3.5	6.6
VARBL													
CALM												27.9	
	17.4	26.3	20.8	6.6	.7	.1	.0	.0				100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 87626

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION LITTLE ROCK AFB AR YEAR 69-78 ALL MONTHS  
INSTRUMENT ALL  
CLASS ALL  
CONDITION MOVES (L.S.T.)

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,  
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS): DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	2.2	2.3	.5								6.2	6.3
NNE	1.0	1.5	1.7	.3								4.6	6.3
NE	1.5	2.4	2.4	.7								7.0	6.4
ENE	1.0	3.3	3.1	.8	.1							9.1	6.4
E	1.6	3.2	2.6	.5	.0							7.9	6.1
ESE	1.0	1.6	1.1	.3	.0							4.0	6.0
SE	1.1	1.8	1.5	.4	.0							4.5	6.3
SSE	1.5	2.0	1.9	.4	.0							5.8	6.1
S	2.0	3.4	2.1	.2	.0							7.8	5.4
SSW	.9	1.6	1.0	.2	.0							3.5	5.7
SW	.5	1.1	.9	.2	.0							2.7	6.2
WSW	.5	.7	.5	.1	.0		.0					1.9	6.2
W	.9	1.2	.9	.4	.1	.0		.0				3.5	6.7
WNW	.6	.8	1.2	.6	.0	.0						3.2	7.5
NW	.7	1.3	1.0	.4	.0							3.4	6.6
NNW	.8	1.2	.9	.4	.0	.0						3.2	6.3
VARBL													
CALM												21.8	
	17.5	26.7	24.9	6.5	.6	.0	.0	.0				100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 8258

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ¾	≥ 5/16	≥ 0
NO CEILING															
≥ 1800															
≥ 1500					91.0										92.6
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400										97.4					98.1
≥ 300															
≥ 200															
≥ 100															
≥ 0					95.4		96.9			98.3					100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed  $\geq 0$ .  
For instance, from the table: Ceiling  $\geq 1500$  feet = 92.6%.  
Ceiling  $\geq 500$  feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite  $\geq 0$ . From the table:  
Visibility  $\geq 3$  miles = 95.4%.  
Visibility  $\geq 2$  miles = 96.9%.  
Visibility  $\geq 1$  mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling  $\geq 1500$  feet with visibility  $\geq 3$  miles = 91.0%.

#### ADDITIONAL EXAMPLES

##### EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 900 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

##### EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq 1500$  feet with  $\geq 3$  miles, subtracted from 97.4 read from the table at the intersection of  $\geq 500$  feet with  $\geq 1$  mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling  $\geq 500$  feet with visibility  $\geq 1$  mile, but < 3 miles; or ceiling  $\geq 500$  feet, but < 1500 feet with visibility  $\geq 1$  mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 00000 LITTLE ROCK AFB AR STATION NAME

69-78 YEARS

JAN MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (EST.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	41.0	50.2	50.0	50.8	51.1	51.2	51.2	51.3	51.5	51.7	51.9	51.9	52.0	52.0	52.2	52.2
≥ 20000	43.3	52.0	52.0	52.6	52.9	53.0	53.0	53.1	53.3	53.5	53.8	53.8	53.9	53.9	54.0	54.0
≥ 18000	43.3	52.0	52.0	52.6	52.9	53.0	53.0	53.1	53.3	53.5	53.8	53.8	53.9	53.9	54.0	54.0
≥ 16000	43.3	52.0	52.0	52.6	52.9	53.0	53.0	53.1	53.3	53.5	53.8	53.8	53.9	53.9	54.0	54.0
≥ 14000	43.3	52.0	52.0	52.6	52.9	53.0	53.0	53.1	53.3	53.5	53.8	54.0	54.0	54.1	54.1	54.2
≥ 12000	43.3	52.0	53.0	53.1	53.4	53.5	53.5	53.7	53.9	54.1	54.3	54.3	54.4	54.4	54.5	54.5
≥ 10000	46.3	56.6	56.0	56.1	56.5	56.6	56.6	56.7	56.9	57.1	57.3	57.3	57.4	57.4	57.5	57.5
≥ 9000	46.3	56.6	56.0	56.7	57.0	57.1	57.1	57.2	57.4	57.6	57.8	57.8	58.0	58.0	58.1	58.1
≥ 8000	47.1	57.0	57.4	57.5	57.8	58.0	58.0	58.1	58.4	58.6	58.8	58.8	58.9	58.9	59.0	59.0
≥ 7000	47.1	57.0	57.4	57.5	57.8	58.0	58.0	58.1	58.4	58.6	58.8	58.8	58.9	58.9	59.0	59.0
≥ 6000	50.2	60.5	61.1	61.2	61.6	61.7	61.7	61.8	62.2	62.4	62.6	62.6	62.7	62.7	62.8	62.8
≥ 5000	51.5	63.1	63.3	63.9	64.3	64.4	64.4	64.6	64.9	65.2	65.4	65.4	65.5	65.5	65.6	65.6
≥ 4500	52.5	64.5	65.3	65.4	65.8	65.9	65.9	66.2	66.6	66.8	67.0	67.0	67.1	67.1	67.2	67.2
≥ 4000	53.4	65.9	67.0	67.2	67.6	67.8	67.8	68.2	68.6	68.9	69.1	69.1	69.2	69.2	69.4	69.4
≥ 3500	54.4	67.4	68.6	68.8	69.2	69.5	69.5	69.9	70.3	70.6	70.9	70.9	71.1	71.1	71.2	71.2
≥ 3000	56.7	70.4	71.0	71.8	72.4	72.6	72.6	73.1	73.5	73.9	74.1	74.1	74.3	74.3	74.4	74.4
≥ 2500	57.7	72.2	73.0	73.5	74.1	74.3	74.4	74.9	75.4	75.8	76.1	76.1	76.3	76.3	76.5	76.5
≥ 2000	58.2	73.9	75.4	75.6	76.2	76.5	76.6	77.1	77.5	78.0	78.3	78.3	78.5	78.5	78.6	78.6
≥ 1800	58.4	74.7	75.3	76.6	77.3	77.5	77.6	78.2	78.6	79.0	79.4	79.4	79.5	79.6	79.7	79.7
≥ 1500	59.9	77.2	78.9	79.4	80.5	80.8	80.9	81.6	82.0	82.5	82.8	82.8	83.0	83.0	83.1	83.1
≥ 1200	60.1	77.5	79.5	79.9	81.3	81.5	81.7	82.5	82.9	83.4	83.8	83.8	84.0	84.0	84.1	84.1
≥ 1000	60.1	78.2	80.4	81.0	82.5	82.8	83.2	84.0	84.4	84.9	85.3	85.3	85.5	85.5	85.6	85.6
≥ 900	60.3	78.4	80.6	81.3	82.9	83.2	83.7	84.4	84.8	85.4	85.7	85.7	85.9	85.9	86.0	86.0
≥ 800	60.5	78.6	80.9	81.8	83.5	83.9	84.8	85.6	86.0	86.6	86.9	86.9	87.1	87.1	87.2	87.2
≥ 700	61.1	79.4	81.7	82.7	84.7	85.1	86.0	86.8	87.2	87.7	88.1	88.1	88.3	88.3	88.4	88.4
≥ 600	61.1	79.9	82.0	83.2	85.4	85.7	87.0	87.8	88.3	88.8	89.1	89.1	89.5	89.5	89.6	89.6
≥ 500	61.3	80.6	83.1	84.2	86.8	87.1	88.7	89.6	90.1	90.6	91.1	91.1	91.4	91.4	91.5	91.5
≥ 400	61.3	80.6	83.2	84.5	87.3	87.6	89.6	90.5	91.1	91.7	92.2	92.2	92.5	92.5	92.6	92.6
≥ 300	61.3	80.8	83.3	84.6	88.2	88.5	90.6	91.9	92.8	93.9	94.4	94.4	94.7	94.7	94.8	94.8
≥ 200	61.3	80.8	83.3	84.7	88.5	88.8	91.5	93.1	94.4	95.5	96.1	96.2	96.6	96.6	96.9	97.0
≥ 100	61.3	80.8	83.3	84.7	88.5	88.8	91.5	93.1	94.5	95.6	96.2	96.3	96.9	97.1	97.4	98.6
≥ 0	61.3	80.8	83.3	84.7	88.5	88.8	91.5	93.1	94.5	95.6	96.2	96.3	96.9	97.1	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1970 LITTLE ROCK AFB AR  
STATION STATION NAME

69-78  
YEARS

JAN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	40.0	48.2	49.5	50.3	51.5	50.5	50.5	50.9	51.0	51.1	51.3	51.3	51.3	51.4	51.4	51.5
≥ 20000	40.9	49.8	50.4	51.3	51.5	51.5	51.5	51.8	51.9	52.0	52.3	52.3	52.3	52.4	52.4	52.5
≥ 18000	40.9	49.8	50.9	51.3	51.5	51.5	51.5	51.8	51.9	52.0	52.3	52.3	52.3	52.4	52.4	52.5
≥ 16000	40.9	49.8	50.9	51.3	51.5	51.5	51.5	51.8	51.9	52.0	52.3	52.3	52.3	52.4	52.4	52.5
≥ 14000	40.9	49.8	50.9	51.3	51.5	51.5	51.5	51.8	51.9	52.0	52.3	52.3	52.3	52.4	52.4	52.5
≥ 12000	41.3	50.4	51.5	51.9	52.2	52.2	52.2	52.5	52.6	52.7	52.9	52.9	52.9	53.0	53.0	53.1
≥ 10000	43.5	53.1	54.2	54.6	54.8	54.8	54.8	55.2	55.3	55.4	55.6	55.6	55.6	55.7	55.7	55.8
≥ 9000	43.9	53.4	54.5	54.9	55.2	55.2	55.2	55.5	55.6	55.7	55.9	55.9	55.9	56.0	56.0	56.1
≥ 8000	44.6	54.3	55.4	55.8	56.0	56.0	56.0	56.3	56.5	56.6	56.8	56.8	56.8	56.9	56.9	57.0
≥ 7000	45.2	55.1	55.7	57.1	57.3	57.3	57.3	57.6	57.7	57.8	58.1	58.1	58.1	58.2	58.2	58.3
≥ 6000	46.3	56.9	58.2	57.7	58.9	58.9	58.9	59.2	59.4	59.5	59.7	59.7	59.7	59.8	59.8	59.9
≥ 5000	47.4	58.3	59.9	60.1	60.6	60.6	60.6	61.0	61.1	61.2	61.4	61.4	61.4	61.5	61.5	61.6
≥ 4500	48.0	59.4	61.1	61.7	61.9	61.9	61.9	62.3	62.4	62.5	62.7	62.7	62.7	62.8	62.8	62.9
≥ 4000	48.7	60.2	61.9	62.7	63.1	63.1	63.1	63.4	63.5	63.7	63.9	63.9	63.9	64.2	64.2	64.4
≥ 3500	49.2	61.1	62.7	63.5	64.1	64.1	64.1	64.5	64.6	64.7	64.9	64.9	64.9	65.1	65.1	65.2
≥ 3000	50.5	63.1	64.9	65.8	66.6	66.6	66.6	67.0	67.1	67.3	67.5	67.5	67.5	67.6	67.6	67.7
≥ 2500	52.7	65.6	68.4	69.4	70.1	70.1	70.1	70.5	70.8	71.0	71.2	71.2	71.2	71.3	71.3	71.4
≥ 2000	54.4	69.6	71.5	72.6	73.4	73.4	73.4	74.0	74.2	74.5	74.8	74.8	74.8	74.9	74.9	75.1
≥ 1800	54.7	70.2	72.3	73.2	74.2	74.2	74.3	74.8	75.1	75.4	75.7	75.7	75.7	75.8	75.8	75.9
≥ 1500	55.5	73.0	75.2	76.1	77.3	77.3	77.5	78.1	78.3	78.6	78.9	78.9	78.9	79.0	79.0	79.1
≥ 1200	56.0	74.9	77.2	78.4	79.7	79.7	79.9	80.4	80.8	81.2	81.5	81.5	81.5	81.6	81.6	81.8
≥ 1000	56.1	75.9	78.3	79.5	80.9	80.9	81.2	81.7	82.0	82.6	82.9	82.9	82.9	83.0	83.0	83.2
≥ 900	56.1	76.5	78.8	80.0	81.5	81.6	82.2	82.7	83.1	83.7	84.0	84.0	84.0	84.1	84.1	84.4
≥ 800	56.2	77.1	79.6	81.0	82.5	82.7	83.3	84.0	84.4	84.9	85.3	85.3	85.3	85.4	85.4	85.7
≥ 700	56.5	77.6	80.2	82.0	83.9	84.2	84.9	85.6	86.0	86.6	86.9	86.9	86.9	87.0	87.0	87.3
≥ 600	56.6	77.8	80.5	82.7	84.7	85.1	85.8	86.7	87.1	87.6	88.0	88.0	88.0	88.1	88.1	88.4
≥ 500	56.9	78.2	81.1	83.0	85.3	85.6	86.8	88.0	88.4	88.9	89.2	89.2	89.2	89.4	89.5	89.9
≥ 400	56.9	78.2	81.2	83.2	85.6	86.1	87.5	89.0	89.6	90.2	90.5	90.5	90.5	90.6	90.8	91.2
≥ 300	56.9	78.3	81.4	83.5	86.0	86.7	88.4	90.2	91.3	92.4	92.8	92.8	92.8	92.9	93.0	93.5
≥ 200	56.9	78.3	81.4	83.5	86.2	86.9	88.6	90.9	92.4	93.4	94.3	94.3	94.3	94.4	94.4	94.6
≥ 100	56.9	78.3	81.4	83.5	86.2	86.9	88.6	90.9	92.4	93.4	94.6	94.8	95.8	96.0	97.1	98.6
≥ 0	56.9	78.3	81.4	83.5	86.2	86.9	88.6	90.9	92.4	93.4	94.6	94.8	95.8	96.0	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

6410 PROCEEDING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION

STATION NAME

69-78

YEARS

JAN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	37.1	42.6	43.4	43.9	44.9	45.1	45.4	45.5	45.5	45.6	45.8	45.8	45.8	45.8	45.8	45.9
≥ 20000	36.6	44.7	45.6	46.1	47.2	47.3	47.6	47.7	47.7	47.8	48.1	48.1	48.1	48.1	48.1	48.2
≥ 18000	36.3	44.7	45.6	46.1	47.2	47.3	47.6	47.7	47.7	47.8	48.1	48.1	48.1	48.1	48.1	48.2
≥ 16000	36.9	45.1	45.9	46.5	47.5	47.6	48.0	48.1	48.1	48.2	48.4	48.4	48.4	48.4	48.4	48.5
≥ 14000	37.1	45.2	46.1	46.6	47.6	47.7	48.1	48.2	48.2	48.3	48.5	48.5	48.5	48.5	48.5	48.6
≥ 12000	38.4	47.1	48.2	48.7	49.8	49.9	50.2	50.3	50.3	50.4	50.6	50.6	50.6	50.6	50.6	50.8
≥ 10000	40.5	48.7	50.2	51.3	52.4	52.5	52.8	52.9	52.9	53.0	53.2	53.2	53.2	53.2	53.2	53.4
≥ 9000	40.6	48.8	50.2	51.4	52.5	52.6	52.9	53.0	53.0	53.1	53.3	53.3	53.3	53.3	53.3	53.5
≥ 8000	41.4	50.9	51.3	52.5	53.7	53.8	54.1	54.2	54.2	54.3	54.5	54.5	54.5	54.5	54.5	54.7
≥ 7000	42.2	52.4	53.3	54.0	55.2	55.3	55.6	55.7	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.2
≥ 6000	43.3	54.3	55.4	56.1	57.5	57.6	58.0	58.1	58.1	58.2	58.4	58.4	58.4	58.4	58.4	58.6
≥ 5000	44.0	56.2	57.4	58.3	59.7	59.8	60.1	60.2	60.2	60.3	60.5	60.5	60.5	60.5	60.5	60.9
≥ 4500	44.7	57.4	58.7	59.7	61.2	61.3	61.6	61.7	61.7	61.8	62.2	62.2	62.2	62.2	62.2	62.5
≥ 4000	45.7	58.6	59.9	60.9	62.4	62.5	62.8	62.9	62.9	63.1	63.4	63.4	63.4	63.4	63.4	63.8
≥ 3500	46.1	59.4	60.5	61.7	63.3	63.4	63.8	63.9	63.9	64.1	64.4	64.4	64.4	64.4	64.4	64.7
≥ 3000	47.2	61.3	62.3	63.9	65.6	65.7	66.1	66.2	66.2	66.5	66.8	66.8	66.8	66.8	66.8	67.1
≥ 2500	48.6	65.4	67.2	68.4	70.2	70.3	70.8	70.9	70.9	71.1	71.4	71.4	71.4	71.4	71.4	71.7
≥ 2000	51.3	67.7	69.5	71.0	72.8	72.9	73.3	73.4	73.4	73.7	74.0	74.0	74.0	74.0	74.0	74.3
≥ 1800	51.9	68.7	70.0	71.9	73.8	73.9	74.3	74.5	74.5	74.7	75.1	75.1	75.1	75.1	75.1	75.4
≥ 1500	52.8	70.2	72.4	73.7	75.8	75.9	76.6	77.0	77.1	77.4	77.7	77.7	77.7	77.7	77.7	78.1
≥ 1200	53.1	70.8	72.5	74.2	76.5	76.7	77.4	77.8	78.0	78.3	78.6	78.6	78.6	78.6	78.6	78.9
≥ 1000	53.5	71.4	74.1	75.3	79.0	79.2	79.2	80.0	80.1	80.4	80.8	80.8	80.8	80.8	80.8	81.1
≥ 900	53.5	71.7	74.3	75.7	78.6	78.8	79.9	80.6	80.8	81.1	81.4	81.4	81.4	81.4	81.4	81.7
≥ 800	53.9	72.3	75.1	76.5	79.6	79.8	81.1	81.8	81.9	82.4	82.8	82.8	82.8	82.8	82.8	83.1
≥ 700	54.1	72.8	75.9	77.5	80.9	81.4	82.9	83.8	84.1	84.5	85.1	85.1	85.1	85.1	85.1	85.4
≥ 600	54.2	73.3	76.6	78.3	81.9	82.5	84.2	85.2	85.6	86.0	86.6	86.6	86.6	86.6	86.6	86.9
≥ 500	54.7	74.2	77.7	79.7	84.0	84.6	86.7	87.6	88.3	88.7	89.2	89.2	89.5	89.5	89.5	89.8
≥ 400	54.7	74.4	78.0	79.9	84.5	85.4	87.5	89.4	89.9	90.6	91.4	91.4	91.7	91.7	91.8	92.2
≥ 300	54.7	74.4	78.0	79.9	84.7	85.7	88.4	90.6	91.5	92.5	93.2	93.2	93.8	93.8	93.9	94.5
≥ 200	54.7	74.4	78.0	79.9	84.7	85.7	88.8	91.1	91.9	93.4	94.5	94.6	95.4	95.6	95.9	96.7
≥ 100	54.7	74.4	78.0	79.9	84.7	85.7	88.8	91.1	91.9	93.4	95.1	95.2	96.3	96.7	97.2	99.6
≥ 0	54.7	74.4	78.0	79.9	84.7	85.7	88.8	91.1	91.9	93.4	95.1	95.2	96.3	96.7	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AFM WEATHER SERVICE/4AC

# CEILING VERSUS VISIBILITY

STATION LITTLE ROCK AFB AR  
STATION NAME

69-78  
YEARS

JAN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	35.1	42.4	43.3	42.4	44.0	44.1	44.2	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.6
≥ 20000	37.8	45.3	46.1	46.5	47.0	47.1	47.2	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.6
≥ 18000	38.1	45.4	46.2	46.6	47.1	47.2	47.3	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.7
≥ 16000	38.2	45.6	46.5	46.6	47.3	47.4	47.5	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	48.0
≥ 14000	38.7	46.1	47.1	47.3	47.8	48.0	48.1	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.5
≥ 12000	41.3	49.1	50.1	50.3	50.9	51.0	51.1	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.5
≥ 10000	43.9	52.4	53.2	53.5	54.1	54.2	54.3	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7
≥ 9000	44.3	52.3	53.7	54.0	54.5	54.6	54.7	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2
≥ 8000	45.3	53.9	54.7	55.1	55.6	55.7	55.8	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2
≥ 7000	47.3	55.7	56.6	56.9	57.4	57.5	57.6	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1
≥ 6000	48.9	58.9	59.7	60.0	60.5	60.6	60.9	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3
≥ 5000	49.5	60.6	61.7	61.9	62.5	62.6	62.8	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.3
≥ 4500	50.2	62.4	63.7	63.9	64.4	64.5	64.7	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.4
≥ 4000	51.7	63.7	64.6	65.2	65.7	65.8	66.0	66.3	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.8
≥ 3500	52.2	65.3	66.2	66.8	67.3	67.4	67.6	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.4
≥ 3000	52.7	66.1	67.1	67.6	68.2	68.3	68.5	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.2
≥ 2500	55.3	68.2	69.5	70.3	71.0	71.1	71.3	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	72.0
≥ 2000	57.2	70.9	72.2	72.2	74.0	74.1	74.5	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.3
≥ 1800	57.6	71.5	73.2	74.4	75.2	75.3	75.7	76.0	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.6
≥ 1500	58.7	74.5	76.1	77.5	78.4	78.5	78.9	79.4	79.6	79.7	79.8	79.8	79.8	79.8	79.8	80.0
≥ 1200	59.5	76.3	79.2	79.6	80.9	81.1	81.5	81.9	82.3	82.4	82.6	82.6	82.6	82.6	82.6	82.8
≥ 1000	60.3	77.8	79.8	81.5	82.7	83.0	83.5	84.0	84.3	84.4	84.6	84.6	84.6	84.6	84.7	84.9
≥ 900	60.4	78.1	81.1	81.8	83.0	83.3	83.9	84.3	84.6	84.7	84.9	84.9	84.9	84.9	85.1	85.3
≥ 800	60.9	78.6	80.9	82.8	84.2	84.5	85.2	85.7	86.0	86.1	86.3	86.3	86.3	86.3	86.5	86.7
≥ 700	60.9	78.9	81.3	83.3	85.1	85.4	86.2	87.0	87.3	87.4	87.6	87.6	87.6	87.6	87.7	88.0
≥ 600	61.0	79.1	81.6	83.7	85.8	86.1	87.3	88.1	88.5	88.6	88.9	88.9	88.9	89.0	89.1	89.4
≥ 500	61.0	79.1	81.7	84.0	86.7	87.2	88.5	89.5	90.1	90.3	90.8	90.8	90.8	90.9	91.0	91.2
≥ 400	61.1	79.4	82.0	84.3	87.1	87.7	89.7	90.6	91.4	91.9	92.5	92.5	92.5	92.6	92.7	92.9
≥ 300	61.1	79.4	82.0	84.3	87.1	88.0	90.2	91.7	92.6	93.2	94.4	94.5	94.6	94.7	94.8	95.2
≥ 200	61.1	79.4	82.0	84.3	87.1	88.1	90.3	91.9	92.9	93.8	95.5	95.8	96.3	96.6	97.1	97.6
≥ 100	61.1	79.4	82.0	84.3	87.1	88.1	90.3	91.9	92.9	93.8	95.7	96.2	96.9	97.2	98.1	99.8
≥ 0	61.1	79.4	82.0	84.3	87.1	88.1	90.3	91.9	92.9	93.8	95.7	96.2	96.9	97.2	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION  
17770

STATION NAME  
LITTLE ROCK AFB AR

YEARS  
69-73

MONTH  
JAN

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (EST.)  
1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	44.2	43.5	42.5	41.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 20000	48.8	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 18000	47.7	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 16000	49.3	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 14000	50.1	55.0	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 12000	50.9	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 10000	53.4	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 9000	53.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 8000	55.4	62.0	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 7000	56.5	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 6000	56.1	66.0	66.3	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 5000	58.9	67.5	67.8	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 4500	61.4	69.5	69.8	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 4000	61.3	70.3	70.5	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 3500	72.7	72.4	72.5	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 3000	73.2	73.3	73.9	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2500	74.2	75.9	76.7	76.5	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 2000	66.8	78.9	79.4	79.5	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1800	67.5	80.1	80.8	80.8	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1500	69.3	82.9	83.4	83.5	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1200	69.6	84.2	85.1	85.2	85.6	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1000	70.3	85.5	86.5	86.9	87.3	87.5	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7
≥ 900	70.3	85.6	87.0	87.2	87.6	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 800	70.4	86.2	87.7	88.0	88.9	89.2	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 700	70.5	86.6	88.3	88.5	89.7	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 600	70.6	86.8	88.5	89.0	90.3	90.6	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 500	70.6	87.0	89.0	89.7	91.3	91.8	92.3	92.5	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0
≥ 400	70.6	87.3	89.4	90.0	91.8	92.5	93.7	93.9	94.3	94.7	95.4	95.4	95.4	95.4	95.4	95.4
≥ 300	70.6	87.6	89.7	90.3	92.2	92.9	94.2	94.5	95.2	95.9	97.1	97.1	97.3	97.3	97.5	97.5
≥ 200	70.6	87.6	89.7	90.3	92.2	92.9	94.2	94.5	95.3	96.0	97.3	97.4	97.6	97.7	98.2	98.2
≥ 100	70.6	87.6	89.7	90.3	92.2	92.9	94.2	94.5	95.4	96.1	97.5	97.7	98.2	98.3	98.7	99.6
≥ 0	70.6	87.6	89.7	90.3	92.2	92.9	94.2	94.5	95.4	96.1	97.5	97.7	98.2	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AIR FATHER SERVICE/140

# CEILING VERSUS VISIBILITY

STATION: LITTLE ROCK AFB AR

69-78

JAN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	44.1	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥20000	49.3	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥18000	49.3	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥16000	49.5	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥14000	50.7	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥12000	52.4	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥10000	54.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥9000	54.7	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥8000	56.3	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥7000	57.4	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥6000	59.2	66.4	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥5000	60.7	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥4500	61.3	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥4000	63.1	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥3500	65.1	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥3000	66.3	77.2	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥2500	67.8	80.2	80.5	80.5	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥2000	73.2	83.1	83.4	83.4	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥1800	77.9	84.1	84.4	84.4	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥1500	71.4	85.5	85.9	85.9	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥1200	71.8	86.3	87.3	87.7	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥1000	71.9	88.1	88.6	89.2	90.5	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥900	72.5	88.4	89.1	89.8	91.1	91.3	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥800	72.3	88.5	89.1	89.9	91.2	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥700	72.3	88.5	89.5	90.3	91.7	92.0	92.0	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
≥600	72.3	89.0	89.7	90.5	92.4	92.8	92.8	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1
≥500	72.3	89.1	89.7	91.0	93.2	93.7	94.0	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
≥400	72.3	89.5	90.4	91.5	93.9	94.3	95.2	95.9	96.0	96.2	96.8	96.8	96.8	96.8	96.8	96.8
≥300	72.3	89.5	90.5	91.6	94.0	94.5	95.5	96.5	96.7	97.1	98.2	98.2	98.4	98.5	98.5	98.5
≥200	72.3	89.6	90.5	91.6	94.0	94.5	95.6	96.6	96.8	97.2	98.3	98.4	98.7	98.9	98.9	98.9
≥100	72.3	89.6	90.5	91.6	94.0	94.5	95.6	96.6	96.8	97.2	98.4	98.5	98.9	99.2	99.5	99.5
≥0	72.4	89.7	90.6	91.7	94.1	94.6	95.7	96.7	96.9	97.3	98.5	98.6	99.0	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AFB WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

STATION LITTLE ROCK AFB AR

69-73

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS IST

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	44.7	51.1	50.7	57.3	57.5	53.6	53.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
IV 20000	44.2	54.6	54.7	54.3	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IV 18000	43.2	54.6	54.7	54.3	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IV 16000	43.2	54.6	54.7	54.3	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IV 14000	43.2	54.6	54.7	54.3	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IV 12000	43.4	56.5	56.5	56.5	57.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 10000	43.1	59.5	59.5	59.5	60.7	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 9000	43.3	60.0	60.7	62.3	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 8000	44.9	61.4	62.7	62.3	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 7000	45.5	62.7	63.7	63.0	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 6000	47.2	64.7	65.1	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5
IV 5000	49.1	67.1	67.4	67.4	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8
IV 4500	59.9	71.2	71.5	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 4000	60.6	71.9	72.4	72.4	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9
IV 3500	62.7	74.5	74.9	74.9	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5
IV 3000	64.3	77.2	77.7	77.7	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3
IV 2500	66.6	80.3	81.1	81.1	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7
IV 2000	67.1	82.6	83.3	83.4	83.8	83.9	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.2	84.2	84.2
IV 1800	67.4	83.4	84.7	84.3	84.7	84.8	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.2	85.2	85.2
IV 1500	68.4	85.5	86.5	86.6	87.0	87.1	87.2	87.4	87.4	87.5	87.5	87.5	87.5	87.6	87.6	87.6
IV 1200	68.5	86.1	87.5	87.5	88.1	88.2	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.7	88.7	88.7
IV 1000	69.6	86.7	88.2	88.3	88.7	88.8	88.9	89.2	89.5	89.6	89.6	89.6	89.6	89.7	89.7	89.7
IV 900	69.6	86.8	88.4	88.5	88.9	89.0	89.1	89.6	89.8	89.9	89.9	89.9	89.9	90.0	90.0	90.0
IV 800	69.6	87.1	88.8	88.9	89.7	89.8	90.0	90.4	90.6	90.8	90.8	90.8	90.8	90.9	90.9	90.9
IV 700	69.6	87.3	89.7	89.7	90.0	90.1	90.4	90.9	91.1	91.3	91.3	91.3	91.3	91.4	91.4	91.4
IV 600	69.6	87.5	89.9	89.9	91.5	91.7	92.2	92.7	92.9	93.1	93.1	93.1	93.1	93.2	93.2	93.2
IV 500	69.7	87.7	89.9	90.1	92.0	92.5	93.2	93.8	94.0	94.2	94.2	94.2	94.2	94.3	94.3	94.3
IV 400	69.7	87.7	89.9	90.1	92.3	92.9	94.1	94.9	95.3	95.7	95.7	95.7	95.7	95.9	95.9	95.9
IV 300	69.7	87.7	89.9	90.1	92.4	93.2	94.6	95.7	96.0	96.9	96.9	96.9	96.9	97.4	97.4	97.5
IV 200	69.7	87.7	89.9	90.1	92.4	93.3	94.9	96.1	96.6	97.6	97.7	97.7	97.7	98.3	98.4	98.6
IV 100	69.7	87.7	89.9	90.1	92.4	93.3	94.9	96.1	96.6	97.6	98.0	98.0	98.0	98.5	98.6	99.1
IV 0	69.7	87.7	89.9	90.1	92.4	93.3	94.9	96.1	96.6	97.6	98.0	98.0	98.0	98.5	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AFW WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION: LITTLE ROCK AFB AR 69-70 YEARS: JAN MONTH: 2100-2300 HOURS (EST)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25-16	≥.25	≥.20	≥.15
NO CEILING	44.4	50.1	50.3	50.3	50.3	50.4	50.6	50.6	50.6	50.8	50.9	50.9	50.9	50.9	51.0	51.0
≥ 20000	40.4	50.1	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 18000	46.1	52.7	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 16000	46.1	52.7	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 14000	47.7	52.7	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 12000	47.7	52.7	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 10000	47.7	52.7	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 9000	47.7	52.7	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 8000	47.7	52.7	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 7000	47.7	52.7	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 6000	47.7	52.7	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 5000	47.7	52.7	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 4500	47.7	52.7	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 4000	47.7	52.7	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 3500	47.7	52.7	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 3000	47.7	52.7	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 2500	47.7	52.7	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 2000	47.7	52.7	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 1800	47.7	52.7	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 1500	47.7	52.7	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 1200	47.7	52.7	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 1000	47.7	52.7	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 900	47.7	52.7	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 800	47.7	52.7	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 700	47.7	52.7	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 600	47.7	52.7	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 500	47.7	52.7	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 400	47.7	52.7	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 300	47.7	52.7	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 200	47.7	52.7	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 100	47.7	52.7	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 0	47.7	52.7	52.7	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION LITTLE ROCK AFB AR  
STATION NAME

69-78

YEARS

JAN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS 1151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	41.3	47.5	48.7	45.1	44.4	48.5	48.6	48.7	48.7	48.6	48.9	48.9	48.9	48.9	48.9	49.0
≥20000	3.6	50.3	51.3	51.4	51.7	51.6	51.9	52.0	52.0	52.1	52.2	52.2	52.2	52.2	52.2	52.3
≥18000	4.5	50.3	51.3	51.5	51.8	51.9	51.9	52.0	52.1	52.2	52.2	52.2	52.3	52.3	52.3	52.3
IV 16000	4.6	50.9	51.4	51.6	51.9	51.9	52.0	52.1	52.2	52.2	52.3	52.3	52.3	52.3	52.4	52.4
IV 14000	4.6	51.5	51.6	52.1	52.4	52.5	52.6	52.7	52.7	52.8	52.9	52.9	52.9	52.9	52.9	53.0
IV 12000	4.6	52.5	53.3	53.5	53.8	53.8	54.0	54.1	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.4
IV 10000	4.6	55.6	56.1	56.3	56.6	56.7	56.8	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.2	57.2
IV 9000	4.6	56.1	56.6	56.8	57.1	57.1	57.2	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.6	57.6
IV 8000	4.6	57.7	58.2	58.4	58.7	58.8	58.9	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.3	59.3
IV 7000	4.6	58.9	59.4	59.6	59.9	60.0	60.1	60.2	60.3	60.3	60.4	60.4	60.4	60.5	60.5	60.5
IV 6000	4.6	61.3	61.7	62.2	62.5	62.6	62.7	62.8	62.9	62.9	63.0	63.0	63.1	63.1	63.1	63.1
IV 5000	4.6	63.4	64.0	64.3	64.7	64.8	64.9	65.0	65.0	65.1	65.2	65.2	65.2	65.2	65.3	65.3
IV 4500	4.6	65.7	66.3	66.3	66.7	66.8	66.9	67.1	67.1	67.2	67.3	67.3	67.3	67.3	67.4	67.4
IV 4000	4.6	66.7	67.5	67.8	68.3	68.4	68.5	68.6	68.7	68.8	68.9	68.9	69.0	69.0	69.0	69.1
IV 3500	4.6	68.4	69.7	69.5	70.1	70.2	70.3	70.5	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.9
IV 3000	4.6	71.3	71.2	71.6	72.1	72.2	72.4	72.6	72.7	72.8	72.9	72.9	72.9	73.0	73.0	73.1
IV 2500	4.6	73.7	74.1	74.5	75.1	75.3	75.4	75.6	75.8	75.9	76.0	76.0	76.0	76.0	76.1	76.2
IV 2000	4.6	75.5	76.7	77.2	77.9	78.3	78.4	78.6	78.7	78.8	78.9	78.9	78.9	78.9	78.9	79.0
IV 1800	4.6	76.4	77.6	78.1	78.9	79.0	79.2	79.5	79.6	79.8	79.9	79.9	79.9	80.0	80.0	80.1
IV 1500	4.6	78.6	79.3	80.5	81.4	81.6	81.8	82.2	82.4	82.5	82.7	82.7	82.7	82.7	82.8	82.8
IV 1200	4.6	79.4	81.3	81.9	82.1	83.3	83.5	83.9	84.1	84.3	84.5	84.5	84.5	84.5	84.5	84.6
IV 1000	4.6	83.3	83.8	82.5	83.3	84.5	84.8	85.2	85.6	85.8	86.0	86.2	86.2	86.2	86.3	86.4
IV 900	4.6	81.1	82.9	83.7	85.0	85.3	85.7	86.2	86.4	86.6	86.8	86.8	86.8	86.8	86.9	87.0
IV 800	4.6	81.5	83.4	84.3	85.9	86.1	86.7	87.2	87.4	87.6	87.8	87.8	87.8	87.8	87.9	88.0
IV 700	4.6	81.9	83.9	84.9	85.6	87.0	87.7	88.2	88.4	88.7	88.9	88.9	88.9	89.0	89.0	89.1
IV 600	4.6	82.2	84.3	85.4	87.5	87.9	88.7	89.3	89.6	89.8	90.0	90.0	90.1	90.1	90.2	90.3
IV 500	4.6	82.6	84.2	86.1	88.5	89.1	90.1	90.8	91.2	91.5	91.8	91.8	91.9	91.9	91.9	92.1
IV 400	4.6	82.7	85.1	86.4	89.0	89.7	91.2	92.2	92.7	93.1	93.6	93.6	93.7	93.7	93.8	93.9
IV 300	4.6	82.8	85.2	86.5	89.4	89.4	91.9	93.2	93.9	94.7	95.4	95.4	95.7	95.7	95.9	96.0
IV 200	4.6	82.8	85.2	86.5	89.4	90.2	92.2	93.6	94.5	95.4	96.3	96.4	96.9	97.1	97.4	97.6
IV 100	4.6	82.8	85.2	86.5	89.4	90.2	92.2	93.6	94.5	95.4	96.5	96.7	97.4	97.6	98.1	99.3
IV 0	4.6	82.8	85.2	86.5	89.5	90.3	92.2	93.6	94.5	95.5	96.5	96.7	97.4	97.6	98.2	100.0

## CEILING VERSUS VISIBILITY

68-72

533

0000-0200

CEILING -FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	47.7	56.4	57.7	57.2	57.6	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4
≥ 20000	45.5	53.5	55.0	55.5	56.0	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
IV 18000	45.5	53.5	55.0	55.5	56.0	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
IV 16000	45.5	53.5	55.0	55.5	56.0	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
IV 14000	45.5	53.5	55.0	55.5	56.0	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
IV 12000	45.5	53.5	55.0	55.5	56.0	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
IV 10000	45.5	53.5	55.0	55.5	56.0	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
IV 9000	45.5	53.5	55.0	55.5	56.0	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
IV 8000	45.5	53.5	55.0	55.5	56.0	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
IV 7000	45.5	53.5	55.0	55.5	56.0	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
IV 6000	45.5	53.5	55.0	55.5	56.0	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
IV 5000	45.5	53.5	55.0	55.5	56.0	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
IV 4500	45.5	53.5	55.0	55.5	56.0	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
IV 4000	45.5	53.5	55.0	55.5	56.0	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
IV 3500	45.5	53.5	55.0	55.5	56.0	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
IV 3000	45.5	53.5	55.0	55.5	56.0	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
IV 2500	45.5	53.5	55.0	55.5	56.0	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
IV 2000	45.5	53.5	55.0	55.5	56.0	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
IV 1800	45.5	53.5	55.0	55.5	56.0	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
IV 1500	45.5	53.5	55.0	55.5	56.0	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
IV 1200	45.5	53.5	55.0	55.5	56.0	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
IV 1000	45.5	53.5	55.0	55.5	56.0	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
IV 900	45.5	53.5	55.0	55.5	56.0	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
IV 800	45.5	53.5	55.0	55.5	56.0	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
IV 700	45.5	53.5	55.0	55.5												

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC <sup>FORM</sup><sub>1-1-64</sub> 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AF WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION  
LITTLE ROCK AFB AR

69-79

FEE

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.15	≥.1
NO CEILING	1.1	51.4	52.4	53.0	53.2	53.4	53.5	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.3
IV 2000	1.1	53.4	54.4	55.0	55.2	55.4	55.6	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.3
IV 1800	1.1	53.4	54.4	55.0	55.2	55.4	55.6	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.3
IV 1600	1.1	53.4	54.4	55.0	55.2	55.4	55.6	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.3
IV 1400	1.1	53.4	54.4	55.0	55.2	55.4	55.6	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.3
IV 1200	1.1	53.4	54.4	55.0	55.2	55.4	55.6	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.3
IV 1000	1.1	53.4	54.4	55.0	55.2	55.4	55.6	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.3
IV 800	1.1	53.4	54.4	55.0	55.2	55.4	55.6	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.3
IV 700	1.1	53.4	54.4	55.0	55.2	55.4	55.6	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.3
IV 600	1.1	53.4	54.4	55.0	55.2	55.4	55.6	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.3
IV 500	1.1	53.4	54.4	55.0	55.2	55.4	55.6	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.3
IV 400	1.1	53.4	54.4	55.0	55.2	55.4	55.6	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.3
IV 300	1.1	53.4	54.4	55.0	55.2	55.4	55.6	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.3
IV 200	1.1	53.4	54.4	55.0	55.2	55.4	55.6	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.3
IV 100	1.1	53.4	54.4	55.0	55.2	55.4	55.6	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.3
IV 0	1.1	53.4	54.4	55.0	55.2	55.4	55.6	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.3

TOTAL NUMBER OF OBSERVATIONS 846

DATA RECORDING STATION  
USAF ETAC  
AT: 4547-1 SERVICE/NO

# CEILING VERSUS VISIBILITY

STATION: LITTLE ROCK AFB AR

69-76

FEB

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3600-3800  
HOURS LT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	48.1	47.1	47.2	47.1	47.1	47.2	47.3	47.4	47.6	47.8	47.9	48.0	48.0	48.0	48.0	50.0
≥ 20000	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8
≥ 18000	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8
≥ 16000	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8
≥ 14000	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8
≥ 12000	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8
≥ 10000	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8
≥ 9000	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8
≥ 8000	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8
≥ 7000	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8
≥ 6000	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8
≥ 5000	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8
≥ 4500	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8
≥ 4000	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8
≥ 3500	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8
≥ 3000	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8
≥ 2500	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8
≥ 2000	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8
≥ 1800	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8
≥ 1500	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8
≥ 1200	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8
≥ 1000	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8
≥ 900	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8
≥ 800	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8
≥ 700	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8
≥ 600	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8
≥ 500	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8
≥ 400	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8
≥ 300	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8
≥ 200	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8
≥ 100	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8
≥ 0	48.1	48.3	51.7	51.5	52.6	52.7	52.8	53.1	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.8

TOTAL NUMBER OF OBSERVATIONS 346



1. NAME OF STATION  
2. LOCATION  
3. DATE

# CEILING VERSUS VISIBILITY

STATION: LITTLE ROCK AFB ALT: 511 FEET

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
MAY 1964

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥20000	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
18000	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
16000	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
14000	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
12000	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
10000	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
9000	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
8000	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
7000	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
6000	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
5000	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
4500	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
4000	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
3500	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
3000	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
2500	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
2000	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
1800	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
1500	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
1200	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
1000	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
900	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
800	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
700	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
600	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
500	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
400	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
300	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
200	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
100	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
0	52.4	52.7	52.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5

TOTAL NUMBER OF OBSERVATIONS 546

DATA PROCESSING BRANCH  
USAF ETAC  
AFW WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

12-30 LITTLE ROCK AFB AR

69-78

FEE

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS -1151

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	56.7	52.4	54.7	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 20000	52.7	59.9	61.6	61.8	61.9	61.9	61.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 18000	52.7	61.0	61.9	61.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 16000	53.1	62.3	61.7	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 14000	57.7	61.9	61.5	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 12000	54.1	61.2	61.3	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 10000	55.1	63.9	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 9000	55.6	63.5	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 8000	55.9	63.6	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 7000	57.2	65.4	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 6000	59.8	69.1	70.0	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 5000	60.8	71.6	71.4	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 4500	63.5	74.1	74.9	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4000	64.9	75.9	76.5	77.2	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 3500	65.9	75.3	79.7	79.7	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3000	68.8	81.3	82.4	82.9	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2500	69.6	82.9	83.9	84.4	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 2000	70.2	84.4	85.6	86.1	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1800	70.2	85.1	86.3	86.8	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1500	70.8	86.8	88.1	88.7	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1200	71.3	86.5	90.1	90.8	91.4	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1000	71.4	88.5	90.4	91.3	92.3	92.4	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 900	71.4	89.2	90.9	91.7	92.9	93.0	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 800	71.4	89.6	91.3	92.1	93.3	93.4	93.6	93.7	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	71.4	93.0	91.7	92.6	93.9	94.3	94.6	94.8	94.8	94.9	95.2	95.2	95.2	95.2	95.2	95.2
≥ 600	71.5	90.2	92.2	93.0	94.4	94.9	95.2	95.5	95.5	95.6	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	71.5	90.4	92.4	93.6	95.3	95.7	96.0	96.5	96.5	96.6	96.9	96.9	96.9	96.9	96.9	96.9
≥ 400	71.6	90.5	93.0	94.0	96.0	96.6	97.2	97.8	98.1	98.3	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	71.6	90.5	93.0	94.0	96.0	96.6	97.3	97.9	98.2	98.5	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	71.6	90.5	93.0	94.0	96.0	96.6	97.3	97.9	98.2	98.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	71.6	90.5	93.0	94.0	96.0	96.6	97.3	97.9	98.2	98.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	71.6	90.5	93.0	94.0	96.0	96.6	97.3	97.9	98.2	98.5	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 645

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

33230 LITTLE ROCK AFB AR

69-78

FEB  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	47.8	55.2	55.3	55.6	55.7	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥20000	57.0	59.0	59.1	59.3	59.5	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥18000	59.9	59.1	59.7	59.5	59.6	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥16000	59.3	59.3	59.5	59.7	59.8	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥14000	59.7	59.9	60.0	60.3	60.4	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥12000	60.2	60.8	61.0	61.2	61.3	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥10000	60.3	62.9	63.0	63.5	63.6	63.9	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥9000	60.3	63.2	63.6	63.6	63.9	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥8000	60.3	63.0	64.5	64.5	64.7	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥7000	60.3	65.1	65.5	65.7	65.8	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥6000	60.3	67.7	68.1	68.3	68.4	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥5000	60.6	70.7	71.4	71.6	71.9	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥4500	61.6	73.0	74.2	74.6	74.9	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥4000	62.2	74.8	75.5	75.8	76.1	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥3500	64.1	77.8	78.5	78.7	79.2	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥3000	66.5	81.9	82.9	83.1	83.6	83.9	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥2500	67.6	83.7	84.8	85.0	85.5	85.8	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥2000	69.0	84.8	86.0	86.4	87.0	87.5	87.8	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥1800	69.0	85.0	86.4	86.6	87.2	87.7	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥1500	69.4	86.6	88.4	88.8	89.5	90.0	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥1200	69.7	87.6	89.0	90.0	90.7	91.1	91.6	91.7	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0
≥1000	69.9	88.1	90.2	91.1	92.0	92.4	92.9	93.0	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4
≥900	69.9	88.2	90.4	91.4	92.4	92.9	93.4	93.5	93.6	93.7	93.9	93.9	93.9	93.9	93.9	93.9
≥800	69.9	88.3	90.7	91.8	92.9	93.4	93.9	94.0	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3
≥700	69.9	88.3	90.7	92.0	93.5	94.1	94.7	94.9	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥600	69.9	88.5	91.0	92.3	94.1	94.7	95.5	95.8	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥500	69.9	88.9	91.6	93.0	94.8	95.4	96.2	96.7	97.0	97.3	97.5	97.5	97.5	97.5	97.5	97.5
≥400	69.9	89.2	92.0	93.4	95.2	95.9	96.8	97.3	97.9	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥300	69.9	89.2	92.0	93.4	95.2	95.9	97.2	97.6	98.2	98.9	99.2	99.2	99.2	99.2	99.2	99.2
≥200	69.9	89.2	92.0	93.4	95.2	95.9	97.2	97.6	98.3	99.1	99.4	99.4	99.4	99.4	99.4	99.4
≥100	69.9	89.2	92.0	93.4	95.2	95.9	97.2	97.6	98.3	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥0	69.9	89.2	92.0	93.4	95.2	95.9	97.2	97.6	98.3	99.2	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION  
37470

STATION NAME  
LITTLE ROCK AFB AR

60-78

YEARS

MONTH  
FEB

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	45.7	50.7	57.7	57.3	57.7	57.7	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 20000	48.1	59.0	59.5	59.8	60.2	60.2	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 18000	48.1	59.0	59.5	59.8	60.2	60.2	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 16000	48.2	59.1	59.4	59.9	60.3	60.3	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 14000	48.3	59.2	59.7	60.0	60.4	60.4	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 12000	48.0	60.0	60.7	60.9	61.2	61.2	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 10000	48.0	61.3	61.6	62.3	62.6	62.6	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 9000	48.0	61.6	62.1	62.4	62.8	62.8	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 8000	51.9	63.6	64.2	64.5	64.9	64.9	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 7000	53.3	65.2	65.5	66.2	66.5	66.5	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 6000	55.6	68.3	69.1	69.5	70.0	70.0	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 5000	57.3	70.4	71.4	71.7	72.2	72.2	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 4500	59.3	72.9	74.1	74.3	74.8	74.8	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4000	59.6	73.5	74.6	74.9	75.5	75.5	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 3500	62.3	77.5	78.5	78.4	79.2	79.2	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3000	64.2	81.0	82.2	82.5	83.5	83.5	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2500	64.7	81.7	83.1	83.5	84.5	84.5	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2000	65.7	83.9	85.9	86.3	87.4	87.4	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1800	65.8	84.3	86.3	86.6	87.7	87.7	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1500	66.4	85.2	87.9	88.3	89.5	89.6	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1200	66.3	85.5	88.7	89.2	90.4	90.5	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1000	66.8	87.1	89.6	90.7	92.1	92.2	92.8	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 900	66.9	87.2	89.7	90.8	92.3	92.4	93.0	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 800	66.9	87.6	90.4	91.6	93.1	93.4	94.1	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 700	66.9	87.7	90.8	92.2	94.3	94.6	95.3	95.7	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	67.1	88.4	91.6	93.1	95.4	95.6	96.3	96.8	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2
≥ 500	67.3	88.9	92.1	93.7	96.5	96.8	97.5	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	67.4	89.0	92.3	94.0	96.9	97.4	98.2	98.7	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	67.4	89.0	92.3	94.0	96.9	97.4	98.2	98.7	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	67.4	89.0	92.3	94.0	96.9	97.4	98.2	98.7	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	67.4	89.0	92.3	94.0	96.9	97.4	98.2	98.7	98.8	99.3	99.4	99.4	99.5	99.5	99.6	100.0
≥ 0	67.4	89.0	92.3	94.0	96.9	97.4	98.2	98.7	98.8	99.3	99.4	99.4	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

846

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/NAO

# CEILING VERSUS VISIBILITY

STATION: LITTLE ROCK AFB AR  
STATION NAME:

69-78

YEARS

FEB  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (24 HRS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0
NO CEILING	52.1	52.4	53.1	53.3	53.7	53.9	54.0	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.3
≥20000	46.1	55.1	56.4	57.1	57.5	57.7	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.1
IV 18000	46.2	56.3	56.6	57.2	57.6	57.8	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.2
IV 16000	46.3	56.3	57.1	57.3	57.7	57.9	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.3
IV 14000	46.6	56.7	57.5	57.7	58.1	58.3	58.4	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.7
IV 12000	47.4	57.7	58.5	58.7	59.1	59.3	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.7
IV 10000	48.4	59.2	60.3	60.3	60.7	60.8	60.9	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.3
IV 9000	48.8	59.6	60.5	60.7	61.1	61.3	61.4	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7
IV 8000	49.3	61.3	62.1	62.4	62.8	62.9	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.4
IV 7000	49.3	62.6	63.5	63.8	64.2	64.3	64.5	64.6	64.7	64.7	64.8	64.8	64.8	64.8	64.8
IV 6000	50.1	65.0	65.9	66.3	66.7	66.9	67.1	67.2	67.3	67.4	67.4	67.4	67.4	67.5	67.5
IV 5000	50.3	67.2	68.2	68.6	69.1	69.2	69.5	69.7	69.8	69.9	69.9	69.9	69.9	69.9	70.0
IV 4500	50.7	69.3	70.7	70.8	71.3	71.4	71.7	72.0	72.1	72.3	72.3	72.3	72.3	72.3	72.3
IV 4000	50.3	70.3	71.4	71.8	72.3	72.5	72.8	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.4
IV 3500	50.7	72.4	73.5	74.0	74.6	74.8	75.1	75.3	75.5	75.6	75.7	75.7	75.7	75.7	75.7
IV 3000	50.9	75.5	76.7	77.3	77.9	78.1	78.4	78.7	78.9	79.0	79.1	79.1	79.1	79.1	79.1
IV 2500	50.9	77.6	78.9	79.5	80.2	80.4	80.7	81.0	81.2	81.3	81.4	81.4	81.4	81.4	81.4
IV 2000	52.2	80.0	81.5	82.1	82.9	83.1	83.5	83.8	84.0	84.2	84.2	84.2	84.2	84.2	84.3
IV 1800	52.5	80.8	82.4	83.0	83.7	84.0	84.3	84.6	84.8	85.0	85.1	85.1	85.1	85.1	85.2
IV 1500	53.4	83.0	84.8	85.5	86.4	86.6	87.1	87.4	87.6	87.8	87.8	87.8	87.8	87.9	87.9
IV 1200	53.7	84.3	86.2	87.0	88.1	88.4	88.8	89.2	89.4	89.6	89.7	89.7	89.7	89.7	89.8
IV 1000	53.8	85.1	87.4	88.5	89.9	90.2	90.7	91.1	91.3	91.5	91.6	91.6	91.6	91.6	91.7
IV 900	54.1	85.7	88.0	89.3	90.8	91.1	91.6	92.0	92.2	92.5	92.6	92.6	92.6	92.6	92.6
IV 800	54.2	86.1	88.5	89.8	91.5	91.9	92.4	92.9	93.1	93.4	93.5	93.5	93.5	93.5	93.6
IV 700	54.2	86.4	89.0	90.4	92.3	92.8	93.5	94.0	94.3	94.6	94.7	94.7	94.7	94.8	94.8
IV 600	54.3	86.7	89.4	90.8	92.8	93.4	94.2	94.8	95.1	95.4	95.6	95.6	95.6	95.7	95.7
IV 500	54.3	86.9	89.7	91.1	93.3	94.0	94.9	95.6	96.0	96.4	96.5	96.5	96.6	96.7	96.7
IV 400	54.4	87.0	89.8	91.4	93.8	94.6	95.7	96.6	97.0	97.6	97.8	97.8	97.8	97.9	97.9
IV 300	54.4	87.0	89.8	91.4	93.9	94.7	96.1	97.0	97.5	98.2	98.5	98.5	98.6	98.7	98.7
IV 200	54.4	87.0	89.9	91.4	93.9	94.8	96.1	97.1	97.7	98.4	98.9	98.9	99.2	99.2	99.3
IV 100	54.4	87.0	89.9	91.4	93.9	94.8	96.1	97.1	97.7	98.5	98.9	99.0	99.3	99.5	99.7
IV 0	54.4	87.0	89.9	91.4	93.9	94.8	96.1	97.1	97.7	98.5	98.9	99.0	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 6768

DATA PROCESSING BRANCH  
USAF ETAC  
AFR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION LITTLE ROCK AFB A

69-78

MAR

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	43.2	51.7	53.2	52.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 20000	46.9	57.6	57.4	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
IV 18000	47.4	57.6	57.4	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
IV 16000	46.9	57.6	57.4	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
IV 14000	46.9	57.6	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 12000	48.3	58.6	59.2	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 10000	49.8	61.1	61.7	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 9000	50.9	61.3	61.7	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 8000	57.0	64.0	64.0	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 7000	64.1	66.3	66.5	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 6000	67.5	71.2	71.7	72.0	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 5000	66.7	74.4	75.1	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 4500	69.7	76.5	77.5	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 4000	69.1	77.3	78.1	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 3500	71.3	78.9	79.7	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 3000	71.7	79.8	80.6	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 2500	74.0	82.4	83.5	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 2000	74.9	84.6	85.9	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 1800	75.1	85.3	86.6	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 1500	75.7	86.9	88.4	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 1200	76.8	88.8	90.3	91.6	91.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 1000	67.1	89.9	91.5	92.8	93.2	93.2	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 900	67.1	90.0	91.6	92.9	93.3	93.3	93.7	93.8	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0
IV 800	67.1	90.2	92.7	93.3	94.0	94.0	94.3	94.5	94.5	94.6	94.6	94.6	94.6	94.7	94.7	94.7
IV 700	67.6	91.0	92.8	94.3	95.1	95.1	95.5	95.7	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9
IV 600	68.0	91.4	93.7	95.2	96.0	96.0	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.9	96.9	96.9
IV 500	68.0	91.6	93.9	95.6	96.8	96.9	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.7	97.7	97.7
IV 400	68.0	92.0	94.5	96.3	97.7	97.8	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8
IV 300	68.0	92.2	94.6	96.5	98.0	98.2	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.2	99.2	99.2
IV 200	68.0	92.2	94.7	96.6	98.1	98.3	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.5	99.5	99.5
IV 100	68.0	92.2	94.7	96.6	98.1	98.3	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.8	99.8	99.8
IV 0	68.0	92.2	94.7	96.6	98.1	98.3	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AFW WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13930 LITTLE ROCK AFB AR  
STATION STATION NAME

69-78  
YEARS

MAR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	39.1	45.3	48.6	49.1	49.7	49.7	49.8	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.3
≥ 20000	40.5	51.9	52.7	52.8	53.3	53.3	53.4	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.0
≥ 18000	40.5	51.9	52.3	52.8	53.3	53.3	53.4	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.0
≥ 16000	40.8	52.2	52.5	52.0	53.5	53.5	53.7	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.2
≥ 14000	40.9	52.3	52.6	53.1	53.7	53.7	53.8	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.3
≥ 12000	41.6	53.5	53.9	54.4	54.9	54.9	55.1	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.6
≥ 10000	43.0	55.6	55.9	56.5	57.0	57.0	57.1	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.6
≥ 9000	43.5	56.1	56.5	57.0	57.5	57.5	57.6	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.2
≥ 8000	45.4	58.8	59.4	60.0	60.6	60.6	60.8	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.3
≥ 7000	47.4	61.1	61.6	62.3	62.9	62.9	63.0	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.5
≥ 6000	47.5	65.7	66.2	66.9	67.5	67.5	67.6	67.7	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.3
≥ 5000	53.1	68.6	69.2	69.9	70.6	70.6	70.8	70.9	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.4
≥ 4500	53.4	70.0	71.1	71.6	72.4	72.4	72.5	72.6	72.8	72.8	72.8	72.8	72.8	72.9	72.9	73.1
≥ 4000	54.1	71.5	72.6	73.2	74.0	74.0	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.7
≥ 3500	54.7	72.6	73.7	74.3	75.1	75.1	75.2	75.3	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.8
≥ 3000	56.3	74.4	75.5	76.3	77.1	77.1	77.2	77.3	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.8
≥ 2500	57.8	77.0	78.2	79.1	79.9	79.9	80.0	80.1	80.3	80.4	80.4	80.4	80.4	80.5	80.5	80.8
≥ 2000	59.4	80.0	81.2	82.2	83.0	83.0	83.1	83.2	83.4	83.5	83.5	83.5	83.5	83.7	83.7	83.9
≥ 1800	60.2	81.5	82.9	83.8	84.7	84.7	84.8	84.9	85.2	85.3	85.3	85.3	85.3	85.4	85.4	85.6
≥ 1500	61.7	84.5	85.9	86.9	87.8	87.8	88.0	88.1	88.3	88.4	88.4	88.4	88.4	88.5	88.5	88.7
≥ 1200	62.3	85.7	87.3	88.4	89.4	89.4	89.5	89.6	89.8	89.9	89.9	89.9	89.9	90.0	90.0	90.2
≥ 1000	62.7	87.1	88.7	89.8	90.9	90.9	91.1	91.2	91.4	91.5	91.5	91.5	91.5	91.6	91.6	91.8
≥ 900	62.8	87.6	89.2	90.3	91.4	91.4	91.6	91.7	91.9	92.0	92.0	92.0	92.0	92.2	92.2	92.4
≥ 800	62.9	88.0	89.9	91.1	92.2	92.2	92.4	92.5	92.7	92.8	92.8	92.8	92.8	92.9	92.9	93.1
≥ 700	63.0	88.5	90.5	91.8	93.0	93.0	93.2	93.3	93.5	93.7	93.7	93.7	93.7	93.8	93.8	94.0
≥ 600	63.3	88.8	91.0	92.3	93.8	93.8	94.1	94.2	94.4	94.5	94.5	94.5	94.5	94.6	94.6	94.8
≥ 500	63.4	88.9	91.2	92.5	94.1	94.1	94.4	94.6	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.6
≥ 400	63.4	89.2	91.6	93.0	95.3	95.6	96.1	96.7	97.0	97.1	97.1	97.1	97.1	97.3	97.3	97.5
≥ 300	63.4	89.2	91.6	93.0	95.5	95.9	96.5	97.1	97.6	98.0	98.0	98.0	98.0	98.2	98.2	98.4
≥ 200	63.4	89.2	91.6	93.0	95.6	96.0	96.6	97.3	97.8	98.3	98.4	98.4	98.4	98.6	98.7	99.0
≥ 100	63.4	89.2	91.6	93.0	95.6	96.0	96.6	97.4	98.0	98.4	98.7	98.7	98.7	98.9	99.0	99.4
≥ 0	63.4	89.2	91.6	93.0	95.6	96.0	96.6	97.4	98.0	98.4	98.7	98.7	98.7	98.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

5761

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION LITTLE ROCK AFB A-

69-75

MAC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-2800  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	31.5	41.3	42.5	43.5	44.3	44.4	44.9	45.1	45.2	45.4	45.5	45.5	45.7	45.8	45.8	45.8
≥ 20000	34.0	43.6	45.6	47.6	49.4	49.5	49.9	49.2	49.5	49.6	49.7	49.7	49.9	50.0	50.0	50.0
≥ 18000	34.7	45.7	46.7	47.7	48.5	48.6	49.1	49.4	49.6	49.7	49.8	49.8	50.0	50.1	50.1	50.1
≥ 16000	34.8	45.8	46.8	47.8	48.6	48.7	49.2	49.5	49.7	49.8	49.9	49.9	50.1	50.2	50.2	50.2
≥ 14000	35.1	46.2	47.2	48.3	49.0	49.1	49.7	49.9	50.1	50.2	50.3	50.3	50.5	50.6	50.6	50.6
≥ 12000	36.7	43.2	49.1	51.2	51.0	51.1	51.6	51.8	52.0	52.2	52.3	52.3	52.5	52.6	52.6	52.6
≥ 10000	38.2	51.0	52.1	53.1	53.9	54.0	54.5	54.7	54.9	55.1	55.2	55.2	55.4	55.5	55.5	55.5
≥ 9000	38.9	51.7	52.2	53.9	54.6	54.7	55.3	55.5	55.7	55.8	55.9	55.9	56.1	56.2	56.2	56.2
≥ 8000	40.4	53.1	54.4	55.0	56.8	57.0	57.5	57.8	58.1	58.2	58.3	58.3	58.5	58.6	58.6	58.6
≥ 7000	41.7	55.3	56.5	57.8	58.6	58.8	59.5	59.7	59.9	60.0	60.1	60.1	60.3	60.4	60.4	60.4
≥ 6000	44.4	55.7	60.1	61.2	62.0	62.3	63.0	63.2	63.4	63.7	63.8	63.8	64.0	64.1	64.1	64.2
≥ 5000	45.7	61.9	62.0	63.2	64.1	64.3	65.1	65.3	65.5	65.7	65.8	65.8	66.0	66.1	66.1	66.2
≥ 4500	47.1	62.6	64.0	65.1	65.0	65.2	67.0	67.2	67.4	67.6	67.7	67.7	68.0	68.1	68.1	68.2
≥ 4000	47.8	63.5	65.3	66.3	67.3	67.5	68.3	68.5	68.7	68.9	69.0	69.0	69.2	69.4	69.4	69.5
≥ 3500	48.5	64.7	66.1	67.2	68.2	68.4	69.1	69.4	69.6	69.8	69.9	69.9	70.1	70.2	70.2	70.3
≥ 3000	49.4	66.2	67.6	68.7	69.8	70.0	70.8	71.1	71.3	71.5	71.6	71.6	71.8	71.9	71.9	72.0
≥ 2500	51.2	69.4	71.0	72.2	73.3	73.5	74.5	74.8	75.1	75.3	75.4	75.4	75.6	75.7	75.7	75.8
≥ 2000	54.0	73.5	75.3	76.7	78.2	78.4	79.5	79.8	80.0	80.2	80.3	80.3	80.5	80.6	80.6	80.8
≥ 1800	54.4	75.3	77.1	78.4	79.9	80.1	81.2	81.5	81.7	81.9	82.0	82.0	82.3	82.4	82.4	82.5
≥ 1500	55.7	78.1	79.4	81.3	82.8	83.0	84.1	84.4	84.6	84.8	84.9	84.9	85.2	85.3	85.3	85.4
≥ 1200	56.6	80.3	82.3	83.7	85.4	85.6	86.7	87.0	87.2	87.4	87.5	87.5	87.8	88.0	88.0	88.1
≥ 1000	57.5	82.2	84.3	85.7	87.6	87.8	89.0	89.4	89.6	89.9	90.0	90.0	90.3	90.4	90.4	90.5
≥ 900	57.7	82.6	84.7	86.1	88.1	88.3	89.5	89.8	90.0	90.3	90.4	90.4	90.8	90.9	90.9	91.0
≥ 800	58.0	83.3	85.7	87.2	89.1	89.4	90.5	91.2	91.4	91.7	91.8	91.8	92.2	92.3	92.3	92.4
≥ 700	58.0	83.4	85.8	87.5	89.8	90.0	91.3	91.9	92.3	92.6	92.7	92.7	93.0	93.1	93.1	93.2
≥ 600	58.2	83.9	86.3	88.2	90.5	90.8	92.2	92.8	93.2	93.5	93.7	93.7	94.0	94.1	94.1	94.2
≥ 500	58.2	83.9	86.5	88.6	91.1	91.3	92.9	93.7	94.1	94.5	94.6	94.6	94.9	95.2	95.2	95.3
≥ 400	58.2	84.1	86.7	88.8	91.4	91.7	93.7	94.7	95.2	96.0	96.1	96.1	96.5	96.7	96.7	96.8
≥ 300	58.2	84.1	86.7	88.8	91.4	91.9	93.9	95.4	95.9	96.9	97.0	97.0	97.4	97.7	97.7	98.0
≥ 200	58.2	84.1	86.7	88.8	91.6	92.2	94.1	95.6	96.1	97.2	97.3	97.3	97.7	98.3	98.6	99.0
≥ 100	58.2	84.1	86.7	88.8	91.6	92.2	94.1	95.6	96.1	97.2	97.3	97.3	97.7	98.4	98.7	99.5
≥ 0	58.2	84.1	86.7	88.8	91.6	92.2	94.1	95.6	96.1	97.2	97.3	97.3	97.7	98.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING GRAPH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION: LITTLE ROCK AFB AR

5-78

MAP  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES:														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.16	≥.1
NO CEILING	36.5	46.2	45.6	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 20000	42.5	44.4	45.7	45.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 18000	42.6	49.5	49.5	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 16000	42.6	45.5	49.0	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 14000	42.2	50.1	50.5	50.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 12000	42.2	52.0	52.5	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 10000	42.0	54.1	54.0	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 9000	42.0	55.3	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 8000	42.0	55.3	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 7000	41.3	55.1	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 6000	41.7	61.5	62.0	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 5000	41.3	63.2	63.5	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 4500	44.3	64.6	65.5	65.7	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 4000	45.1	66.9	67.5	67.7	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 3500	46.6	67.5	68.2	68.5	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 3000	48.1	69.6	70.7	70.5	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 2500	49.8	73.2	73.5	74.0	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 2000	49.7	77.8	78.9	79.1	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 1800	49.8	79.5	80.5	80.6	81.0	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 1500	46.2	83.3	84.4	84.7	85.2	85.4	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1200	67.1	84.7	85.9	86.6	87.1	87.3	87.7	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1
≥ 1000	67.5	86.3	87.6	88.7	89.6	89.8	90.4	91.1	91.1	91.1	91.1	91.5	91.5	91.5	91.5
≥ 900	67.5	86.5	87.7	88.8	89.7	89.9	90.5	91.2	91.2	91.2	91.2	91.6	91.6	91.6	91.6
≥ 800	67.8	87.5	88.9	90.0	90.9	91.2	91.8	92.6	92.7	92.7	92.7	93.1	93.1	93.1	93.1
≥ 700	68.1	88.7	90.5	91.6	92.8	93.2	94.0	94.7	94.8	94.8	95.3	95.3	95.3	95.3	95.3
≥ 600	68.3	89.1	91.1	92.3	93.5	94.3	94.7	95.6	95.7	95.7	96.1	96.1	96.1	96.1	96.1
≥ 500	68.3	89.5	91.6	92.8	94.3	94.9	95.7	96.9	97.0	97.0	97.4	97.4	97.4	97.4	97.4
≥ 400	68.3	89.6	91.7	93.1	94.6	95.3	96.0	97.3	97.5	97.6	98.1	98.1	98.1	98.1	98.1
≥ 300	68.3	89.6	91.7	93.1	94.7	95.6	96.5	97.6	98.2	98.5	98.9	98.9	99.0	99.0	99.0
≥ 200	68.3	89.7	91.8	93.2	94.8	95.8	96.7	98.1	98.5	98.8	99.4	99.4	99.6	99.6	99.6
≥ 100	68.3	89.7	91.8	93.2	94.8	95.8	96.7	98.1	98.5	98.8	99.4	99.4	99.6	99.7	99.8
≥ 0	68.3	89.7	91.8	93.2	94.8	95.8	96.7	98.1	98.5	98.8	99.4	99.4	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION: LITTLE ROCK AFB AR

59-78

MAP

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 20000	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 18000	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 16000	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 14000	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 12000	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 10000	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 9000	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 8000	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 7000	62.9	62.9	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 6000	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 5000	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 4500	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 4000	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 3500	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 3000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 2500	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 2000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1500	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1200	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 900	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 800	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION: LITTLE ROCK AFB AR

59-70

MAP

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1530-1700  
HOURS (1)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	44.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 20000	51.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 18000	1.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 16000	12.1	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 14000	12.1	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 12000	13.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 10000	50.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 9000	17.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 8000	17.4	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 7000	17.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 6000	17.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 5000	12.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4500	13.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 4000	14.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 3500	15.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3000	17.5	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 2500	16.6	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2000	11.3	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1800	11.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1500	12.4	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1200	12.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1000	13.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 900	13.6	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 800	13.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 700	14.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 600	14.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 500	14.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 400	14.4	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 300	14.4	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 200	14.4	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 100	14.4	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 0	14.4	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2

TOTAL NUMBER OF OBSERVATIONS 929

5763

DATA PROCESSING & AID  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION LITTLE ROCK AFB A

69-78

MAP

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-2000  
HOURS (LT)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	43.0	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 20000	49.2	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 18000	49.2	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 16000	49.6	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 14000	49.7	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 12000	51.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 10000	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 9000	62.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 8000	65.1	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 7000	65.3	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 6000	71.2	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 5000	75.8	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4500	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 4000	79.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3500	81.1	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2500	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2000	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1800	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1500	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1200	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 900	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

DATA PROCESSING CENTER  
USAF ETAC  
411 WEATATA SERVICE/VMC

# CEILING VERSUS VISIBILITY

STATION: 0743L LITTLE ROCK AFB A

59-75

WAF  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	44.1	53.3	53.7	53.7	53.7	53.7	53.2	53.0	53.0	53.0	53.9	53.9	53.9	53.9	53.9	53.9
≥20000	44.1	53.3	53.7	53.7	53.7	53.7	53.2	53.0	53.0	53.0	53.9	53.9	53.9	53.9	53.9	53.9
IV 18000	45.4	55.5	59.1	59.0	59.0	59.0	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 16000	45.8	55.6	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 14000	45.9	59.1	59.1	59.6	59.6	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8
IV 12000	46.1	60.1	60.6	60.6	60.6	60.6	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 10000	46.3	64.0	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV 9000	46.3	64.0	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 8000	46.3	67.7	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 7000	47.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 6000	48.1	75.2	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 5000	48.3	76.6	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 4500	48.2	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 4000	48.4	79.6	80.4	80.4	80.6	80.6	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 3500	48.1	81.7	82.8	82.8	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 3000	48.3	83.0	84.1	84.1	84.4	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 2500	48.3	84.5	85.6	85.6	85.9	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 2000	46.6	86.7	87.7	87.7	88.1	88.1	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 1800	46.3	87.3	88.5	88.5	88.8	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 1500	47.4	89.7	90.2	90.2	90.6	90.6	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 1200	48.2	91.2	91.6	91.6	92.6	92.7	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 1000	48.6	91.5	93.1	93.4	94.5	94.6	94.7	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 900	48.6	91.6	93.2	92.5	94.6	94.7	94.9	95.1	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 800	48.6	91.9	93.8	94.2	95.3	95.4	95.6	95.7	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 700	48.6	92.2	94.3	94.6	95.9	95.3	96.7	96.8	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 600	48.6	92.7	94.6	95.3	96.6	96.7	97.3	97.5	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 500	48.6	92.7	94.7	95.5	96.8	96.9	97.6	97.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 400	48.6	93.0	95.2	96.0	97.4	97.5	98.3	98.5	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	48.6	93.0	95.4	96.2	97.7	97.8	98.6	98.8	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	48.6	93.0	95.4	96.2	97.7	97.8	98.6	98.8	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	48.6	93.0	95.4	96.2	97.7	97.8	98.6	98.8	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	48.6	93.0	95.4	96.2	97.7	97.8	98.6	98.8	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING UNIT  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION: LTLE AOC- 8FB A- YEAR: 69-73 MAP: MAC  
 STATION NAME: LTLE AOC- 8FB A- ALL: ALL  
 PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	41.2	45.2	47.5	47.7	48.9	48.9	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 20000	47.4	53.3	53.7	53.9	54.1	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.4
IV 18000	47.5	53.4	53.8	54.0	54.2	54.2	54.3	54.3	54.4	54.4	54.4	54.4	54.5	54.5	54.5	54.5
IV 16000	47.7	53.5	53.9	54.1	54.3	54.3	54.4	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IV 14000	47.8	53.6	54.0	54.4	54.6	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9
IV 12000	47.9	53.7	54.1	54.5	54.7	54.7	54.8	54.9	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.0
IV 10000	48.0	53.8	54.2	54.6	54.8	54.8	54.9	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1
IV 9000	48.1	53.9	54.3	54.7	54.9	54.9	55.0	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2
IV 8000	48.2	54.0	54.4	54.8	55.0	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3
IV 7000	48.3	54.1	54.5	54.9	55.1	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4
IV 6000	48.4	54.2	54.6	55.0	55.2	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5
IV 5000	48.5	54.3	54.7	55.1	55.3	55.3	55.4	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6
IV 4500	48.6	54.4	54.8	55.2	55.4	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7
IV 4000	48.7	54.5	54.9	55.3	55.5	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8
IV 3500	48.8	54.6	55.0	55.4	55.6	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9
IV 3000	48.9	54.7	55.1	55.5	55.7	55.7	55.8	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0
IV 2500	49.0	54.8	55.2	55.6	55.8	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1
IV 2000	49.1	54.9	55.3	55.7	55.9	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2
IV 1800	49.2	55.0	55.4	55.8	56.0	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3
IV 1500	49.3	55.1	55.5	55.9	56.1	56.1	56.2	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4
IV 1200	49.4	55.2	55.6	56.0	56.2	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.5	56.5
IV 1000	49.5	55.3	55.7	56.1	56.3	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.6
IV 900	49.6	55.4	55.8	56.2	56.4	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7
IV 800	49.7	55.5	55.9	56.3	56.5	56.5	56.6	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8
IV 700	49.8	55.6	56.0	56.4	56.6	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
IV 600	49.9	55.7	56.1	56.5	56.7	56.7	56.8	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0
IV 500	50.0	55.8	56.2	56.6	56.8	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1
IV 400	50.1	55.9	56.3	56.7	56.9	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2
IV 300	50.2	56.0	56.4	56.8	57.0	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3
IV 200	50.3	56.1	56.5	56.9	57.1	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4
IV 100	50.4	56.2	56.6	57.0	57.2	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5
IV 0	50.5	56.3	56.7	57.1	57.3	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6

TOTAL NUMBER OF OBSERVATIONS: 7439

DATA PROCESSING BRANCH  
USAF ETAC  
AIR FORCE SERVICE MANUAL

# CEILING VERSUS VISIBILITY

STATION: LITTLE ROCK AFB AR

69-78

APP

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS TEST

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.15	≥.1	≥0
NO CEILING	45.7	50.5	61.7	62.0	60.6	50.5	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 20000	45.4	54.4	55.5	66.4	67.1	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 18000	45.5	64.5	65.5	66.5	67.2	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 16000	45.5	64.5	65.7	66.6	67.3	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 14000	45.5	65.7	66.7	67.7	68.4	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 12000	45.5	67.7	68.9	69.7	70.4	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 10000	45.5	70.5	71.7	72.6	73.3	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 9000	45.2	71.3	72.4	73.3	74.0	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 8000	45.2	73.5	74.7	75.3	75.4	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 7000	44.7	74.3	75.5	76.3	77.2	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 6000	44.3	75.3	76.5	77.2	77.9	77.9	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 5000	43.7	76.1	77.4	78.1	78.2	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 4500	43.3	76.1	77.4	78.6	79.3	79.3	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 4000	42.3	76.7	78.4	79.5	80.2	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 3500	41.5	76.9	78.4	79.5	80.2	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 3000	40.4	76.1	78.7	79.6	80.4	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 2500	41.5	76.2	78.8	79.9	80.5	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2000	42.5	77.4	79.2	80.4	81.1	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1800	42.3	77.7	79.4	80.7	81.3	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 1500	42.3	78.0	79.1	80.3	81.3	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 1200	43.5	78.2	79.3	80.7	81.4	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 1000	44.3	78.0	79.1	80.8	81.7	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 900	44.1	78.0	79.3	80.9	81.8	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 800	44.2	78.3	79.6	81.1	82.0	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 700	44.4	78.3	79.6	81.2	82.1	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 600	44.5	78.3	79.6	81.3	82.2	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 500	44.5	78.3	79.6	81.3	82.2	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 400	44.6	78.3	79.6	81.3	82.2	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 300	44.6	78.3	79.6	81.3	82.2	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 200	44.6	78.3	79.6	81.3	82.2	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 100	44.6	78.3	79.6	81.3	82.2	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 0	44.6	78.3	79.6	81.3	82.2	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4

TOTAL NUMBER OF OBSERVATIONS 899

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12231 LITTLE ROCK AFB AR  
STATION STATION NAME

69-78  
YEARS

APR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS-151

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥16	≥0
NO CEILING	39.1	55.7	55.9	57.4	57.3	56.3	58.6	58.9	59.1	59.1	59.2	59.2	59.3	59.4	59.6	59.6
≥20000	40.3	59.1	60.6	61.1	62.0	62.0	62.2	62.6	62.6	62.8	62.9	62.9	63.0	63.2	63.3	63.3
≥18000	41.1	59.1	60.7	61.2	62.1	62.1	62.3	62.7	62.9	62.9	63.0	63.0	63.1	63.3	63.4	63.4
≥16000	40.9	59.1	60.7	61.2	62.1	62.1	62.3	62.7	62.9	62.9	63.0	63.0	63.1	63.3	63.4	63.4
≥14000	41.6	59.9	61.4	62.0	62.9	62.9	63.1	63.4	63.7	63.7	63.8	63.8	63.9	64.1	64.2	64.2
≥12000	42.6	61.2	63.6	63.6	64.4	64.6	64.8	65.1	65.3	65.3	65.4	65.4	65.6	65.6	65.9	65.9
≥10000	44.9	64.8	66.6	67.1	68.0	68.1	68.3	68.7	68.9	68.9	69.0	69.0	69.3	69.3	69.4	69.4
≥9000	45.3	65.7	67.4	68.0	68.9	69.0	69.2	69.6	69.6	69.8	69.9	69.9	70.0	70.2	70.3	70.3
≥8000	46.2	66.7	68.7	69.2	70.1	70.2	70.4	70.8	71.0	71.0	71.1	71.1	71.2	71.4	71.6	71.6
≥7000	46.3	67.7	69.7	70.2	71.2	71.3	71.7	72.0	72.2	72.2	72.3	72.3	72.4	72.7	72.8	72.8
≥6000	49.7	72.1	74.1	74.8	75.8	75.9	76.2	76.6	76.8	76.8	76.9	76.9	77.0	77.2	77.3	77.3
≥5000	50.4	74.2	76.6	77.2	78.2	78.3	78.7	79.0	79.2	79.2	79.4	79.4	79.6	79.8	79.9	79.9
≥4500	51.7	75.3	79.1	79.8	80.9	80.9	80.7	80.9	80.9	80.9	81.1	81.1	81.2	81.4	81.6	81.6
≥4000	52.3	76.2	79.2	79.9	81.1	81.2	81.6	81.9	82.1	82.1	82.3	82.3	82.4	82.7	82.8	82.8
≥3500	53.4	77.5	80.3	81.0	82.2	82.3	82.7	83.0	83.2	83.2	83.4	83.4	83.7	83.8	83.9	83.9
≥3000	54.4	79.1	81.4	82.1	83.3	83.4	83.8	84.1	84.3	84.3	84.6	84.6	84.7	84.9	85.1	85.1
≥2500	55.7	82.1	84.4	85.1	86.4	86.6	86.9	87.2	87.4	87.4	87.7	87.7	87.8	88.0	88.2	88.2
≥2000	57.7	84.3	86.8	87.4	88.8	88.9	89.2	89.6	89.9	89.9	90.1	90.1	90.2	90.4	90.7	90.7
≥1800	59.1	85.0	87.6	88.2	89.6	89.7	90.0	90.3	90.7	90.7	90.9	90.9	91.0	91.2	91.4	91.4
≥1500	59.7	85.9	88.6	89.2	90.7	90.9	91.2	91.7	92.1	92.1	92.3	92.3	92.4	92.7	92.9	92.9
≥1200	59.9	86.2	89.0	89.6	91.0	91.2	91.6	92.0	92.4	92.4	92.7	92.7	92.8	93.0	93.2	93.2
≥1000	59.4	87.0	89.9	90.7	92.1	92.3	92.7	93.1	93.6	93.6	93.8	93.8	93.9	94.1	94.3	94.3
≥900	59.7	88.1	91.7	91.8	93.2	93.4	93.8	94.2	94.7	94.7	94.9	94.9	95.0	95.2	95.4	95.4
≥800	59.9	88.6	91.7	92.6	94.0	94.2	94.6	95.0	95.6	95.6	95.8	95.8	95.9	96.1	96.3	96.3
≥700	60.0	89.4	92.3	93.3	94.8	95.0	95.3	95.8	96.3	96.3	96.6	96.6	96.7	96.9	97.1	97.1
≥600	60.0	9.8	92.8	93.8	95.2	95.4	95.8	96.2	96.8	96.8	97.0	97.0	97.1	97.3	97.6	97.6
≥500	60.0	89.8	92.8	93.8	95.2	95.9	96.2	96.7	97.2	97.2	97.6	97.6	97.7	97.9	98.1	98.1
≥400	60.0	89.8	92.8	93.8	95.2	95.9	96.2	96.7	97.2	97.2	97.6	97.6	97.7	97.9	98.1	98.2
≥300	60.0	89.8	92.8	93.8	95.2	95.9	96.3	96.8	97.6	97.6	97.9	97.9	98.1	98.3	98.6	98.7
≥200	60.0	89.8	92.8	93.8	95.2	95.9	96.3	96.8	97.6	97.6	98.0	98.0	98.3	98.6	98.8	98.9
≥100	60.0	89.8	92.8	93.8	95.2	95.9	96.3	96.8	97.6	97.7	98.2	98.2	98.6	98.8	99.0	99.4
≥0	60.0	89.8	92.8	93.8	95.2	95.9	96.3	96.8	97.6	97.7	98.2	98.2	98.6	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/1A1

# CEILING VERSUS VISIBILITY

STATION 07431 LITTLE ROCK AFB AR  
STATION NAME

69-78  
YEARS

APP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	57.5	49.1	57.2	50.4	51.1	51.1	51.2	51.4	51.4	51.7	51.7	51.7	51.8	51.8	51.8	51.8
≥ 20000	59.7	53.1	54.4	54.8	55.6	55.6	55.7	55.9	56.2	56.3	56.3	56.3	56.4	56.4	56.4	56.4
≥ 18000	59.9	53.1	54.4	54.9	55.7	55.7	55.8	56.0	56.3	56.4	56.4	56.4	56.6	56.6	56.6	56.6
≥ 16000	59.9	53.1	54.4	54.9	55.7	55.7	55.8	56.0	56.3	56.4	56.4	56.4	56.6	56.6	56.6	56.6
≥ 14000	59.9	53.1	54.4	54.9	55.7	55.7	55.8	56.0	56.3	56.4	56.4	56.4	56.6	56.6	56.6	56.6
≥ 12000	61.0	54.4	55.7	56.2	57.0	57.0	57.1	57.3	57.7	57.8	57.8	57.8	57.9	57.9	57.9	57.9
≥ 10000	63.2	55.7	59.7	60.3	60.8	60.8	60.9	61.1	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7
≥ 9000	63.2	55.7	60.2	60.6	61.3	61.3	61.4	61.7	62.0	62.1	62.1	62.1	62.2	62.2	62.2	62.2
≥ 8000	64.3	60.7	62.2	62.6	63.3	63.3	63.4	63.7	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.2
≥ 7000	64.3	61.7	63.3	63.7	64.8	64.8	64.9	65.1	65.4	65.6	65.6	65.6	65.7	65.7	65.7	65.7
≥ 6000	66.3	64.2	66.3	66.3	67.4	67.4	67.6	67.8	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.3
≥ 5000	66.3	66.2	68.7	68.4	69.6	69.7	69.8	70.0	70.4	70.6	70.7	70.7	70.8	70.8	70.8	70.8
≥ 4500	67.4	67.8	69.4	70.3	71.6	71.7	71.8	72.1	72.6	72.7	72.8	72.8	72.9	72.9	72.9	72.9
≥ 4000	68.8	68.8	71.7	71.6	72.8	72.9	73.0	73.4	73.9	74.0	74.1	74.1	74.2	74.2	74.2	74.2
≥ 3500	69.4	70.8	73.0	73.6	74.8	74.9	75.0	75.4	75.9	76.0	76.1	76.1	76.2	76.2	76.2	76.2
≥ 3000	70.6	72.4	74.8	75.3	76.6	76.7	76.8	77.2	77.7	77.8	77.9	77.9	78.0	78.0	78.1	78.1
≥ 2500	72.2	75.3	77.7	78.2	79.4	79.6	79.7	80.1	80.6	80.7	80.8	80.8	80.9	80.9	81.0	81.0
≥ 2000	74.3	78.3	80.9	81.6	83.0	83.1	83.2	83.7	84.1	84.2	84.3	84.3	84.4	84.4	84.6	84.6
≥ 1800	74.9	79.4	82.1	82.8	84.3	84.6	84.7	85.1	85.6	85.7	85.8	85.8	85.9	85.9	86.0	86.0
≥ 1500	76.2	81.3	84.2	84.9	86.7	86.9	87.1	87.7	88.1	88.2	88.3	88.3	88.6	88.6	88.7	88.7
≥ 1200	77.7	82.4	85.4	86.1	88.2	88.4	88.7	89.2	89.7	89.8	90.0	90.0	90.2	90.2	90.3	90.3
≥ 1000	77.7	83.5	86.7	87.3	89.9	90.2	90.4	91.2	91.7	91.8	92.0	92.0	92.2	92.2	92.3	92.3
≥ 900	78.0	84.2	87.3	88.0	90.6	90.9	91.1	92.0	92.4	92.6	92.8	92.8	93.0	93.0	93.1	93.1
≥ 800	78.1	85.4	88.2	89.0	91.7	92.1	92.3	93.2	93.7	93.9	94.1	94.1	94.3	94.3	94.4	94.4
≥ 700	78.2	85.4	88.7	89.4	92.2	92.7	93.1	94.0	94.4	94.7	94.9	94.9	95.1	95.1	95.2	95.2
≥ 600	78.2	85.6	88.9	89.8	92.8	93.2	93.7	94.6	95.1	95.6	95.8	95.8	96.0	96.0	96.1	96.1
≥ 500	78.3	85.8	89.3	90.2	93.3	93.9	94.4	95.3	96.0	96.4	96.7	96.7	97.0	97.0	97.1	97.1
≥ 400	78.4	85.9	89.4	90.5	93.7	94.2	95.0	95.9	96.6	97.0	97.2	97.2	97.6	97.6	97.7	97.7
≥ 300	78.4	86.0	89.6	90.7	93.8	94.4	95.2	96.1	96.9	97.4	98.0	98.0	98.6	98.6	98.7	98.7
≥ 200	78.4	86.0	89.7	90.8	93.9	94.7	95.4	96.3	97.1	97.7	98.4	98.4	99.0	99.0	99.1	99.1
≥ 100	78.4	86.0	89.7	90.8	93.9	94.7	95.4	96.3	97.1	97.7	98.4	98.4	99.0	99.0	99.2	99.2
≥ 0	78.4	86.0	89.7	90.8	93.9	94.7	95.4	96.3	97.1	97.7	98.4	98.4	99.0	99.0	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
USAF ETAC  
AF WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03/30 LITTLE ROCK AFB AF  
STATION

69-78  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS UT

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	49.8	53.3	53.9	52.8	53.0	53.8	53.8	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 20000	1.1	57.2	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 18000	1.2	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 16000	1.2	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 14000	1.6	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 12000	2.3	58.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 10000	4.4	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 9000	4.7	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 8000	5.2	64.7	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 7000	5.2	65.6	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 6000	7.3	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 5000	8.0	69.3	69.3	69.8	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 4500	8.3	70.7	71.2	71.2	71.4	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4000	8.9	71.7	72.3	72.3	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 3500	10.4	73.7	74.6	74.6	74.9	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 3000	10.2	75.5	76.7	76.7	77.1	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2500	12.6	78.9	80.0	80.0	80.4	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 2000	16.4	83.4	85.0	85.0	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1800	17.0	84.3	86.2	86.2	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1500	17.6	88.4	90.6	90.6	91.4	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1200	19.1	89.4	91.7	91.7	93.2	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1000	20.7	91.0	93.3	93.3	95.0	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900	20.7	91.2	93.6	93.6	95.2	95.3	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 800	20.8	91.3	93.9	93.9	95.6	95.7	96.1	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	20.9	91.3	94.4	94.4	96.2	96.4	97.1	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	21.0	92.0	94.8	94.8	96.6	96.7	97.6	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	21.0	92.1	95.0	95.0	97.0	97.3	98.0	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	21.0	92.2	95.1	95.2	97.2	97.6	98.2	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	21.0	92.2	95.1	95.2	97.3	97.7	98.4	99.0	99.3	99.4	99.7	99.7	99.7	99.7	99.8	99.8
≥ 200	21.0	92.2	95.1	95.2	97.3	97.7	98.4	99.0	99.3	99.4	99.7	99.7	99.7	99.7	99.8	99.8
≥ 100	21.0	92.2	95.1	95.2	97.3	97.7	98.4	99.0	99.3	99.4	99.7	99.7	99.7	99.7	99.8	99.8
≥ 0	21.0	92.2	95.1	95.2	97.3	97.7	98.4	99.0	99.3	99.4	99.7	99.7	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 7-70 LITTLE ROCK AFB A  
STATION NAME

60-78  
YEARS

APR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS U.S.T.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥16	≥4	≥0
NO CEILING	59.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 20000	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 18000	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 16000	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 14000	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 12000	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 10000	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 9000	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 8000	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 7000	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 6000	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 5000	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 4500	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 4000	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 3500	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 3000	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 2500	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 2000	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 1800	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 1500	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 1200	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 1000	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 900	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 800	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 700	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 600	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 500	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 400	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 300	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 200	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 100	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 0	53.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

STATION: LITTLE ROCK AFB AR

69-78

APP  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (EST)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.16	≥.1
NO CEILING	41.7	53.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 20000	55.9	63.3	63.0	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 18000	55.2	63.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 16000	56.2	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 14000	55.0	64.4	64.0	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 12000	56.2	65.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 10000	57.0	67.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 9000	57.1	68.8	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 8000	72.3	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 7000	73.3	74.3	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 6000	75.7	76.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 5000	76.6	79.3	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4500	81.0	81.0	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4000	85.1	85.0	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3500	87.2	87.2	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3000	89.7	89.7	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2500	92.0	92.0	93.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	93.7	93.7	94.7	94.7	95.0	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800	94.8	94.8	94.9	95.2	95.3	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	94.6	94.6	95.7	96.0	96.4	96.6	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	94.8	94.8	95.9	96.2	96.7	96.8	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	95.3	95.3	96.7	97.0	97.6	97.8	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	95.3	95.3	96.9	97.1	97.8	98.0	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	95.3	95.3	96.9	97.2	97.9	98.1	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	95.3	95.3	96.9	97.2	98.0	98.2	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	95.6	95.6	97.1	97.6	98.3	98.6	98.6	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	95.6	95.6	97.2	97.7	98.4	98.8	98.8	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	95.6	95.6	97.2	97.7	98.4	98.9	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.6	95.6	97.2	97.7	98.4	98.9	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.6	95.6	97.2	97.7	98.4	98.9	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.6	95.6	97.2	97.7	98.4	98.9	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.6	95.6	97.2	97.7	98.4	98.9	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
 AFMPC  
 AFMPC/AFMPC - SERVICE/MA.

# CEILING VERSUS VISIBILITY

STATION: LITTLE ROCK AFB AR

69-70

APR

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
 HOURS: 11.5

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	57.7	57.8	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 20000	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 18000	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 16000	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 14000	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 12000	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 10000	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 9000	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 8000	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 7000	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 6000	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 5000	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 4500	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 4000	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 3500	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 3000	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 2500	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 2000	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 1800	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 1500	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 1200	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 1000	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 900	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 800	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 700	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 600	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 500	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 400	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 300	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 200	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 100	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
USAF ETAC  
AFW WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION LITTLE ROCK AFB AR

YEARS 69-75

APP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS LTT

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 20000	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 18000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 16000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 14000	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 12000	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 10000	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 9000	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 8000	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 7000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 6000	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 5000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 4500	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 4000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 3500	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 3000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 2500	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 2000	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1800	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 1500	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 1200	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 1000	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 900	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 800	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 700	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 600	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 500	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 400	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

DATA PROCESSING BRANCH  
 USAF ETAC  
 1111 AIRWAY SERVICE/AFAC

# CEILING VERSUS VISIBILITY

STATION: LITTLE ROCK AFB A

40-70

APR

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
 YEARS (1)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	56.2	55.7	56.7	55.5	55.8	56.3	56.9	56.9	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1
≥ 20000	56.2	51.3	62.0	52.4	52.7	62.7	62.8	62.8	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0
IV 18000	57.1	61.8	62.4	62.7	63.0	63.0	63.0	63.1	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3
IV 16000	57.2	61.8	62.5	62.7	63.0	63.0	63.1	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3
IV 14000	57.5	62.3	63.1	63.2	63.5	63.5	63.6	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 12000	57.6	63.7	64.5	64.6	65.1	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4
IV 10000	57.8	66.4	67.4	67.6	67.9	67.9	68.0	68.0	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2
IV 9000	57.1	67.2	68.1	68.4	68.7	68.7	68.8	68.8	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0
IV 8000	57.3	70.1	71.1	71.3	71.6	71.7	71.7	71.8	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0
IV 7000	56.3	71.4	72.4	72.7	73.1	73.1	73.2	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4
IV 6000	56.4	73.9	74.7	75.2	75.6	75.6	75.7	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9
IV 5000	56.7	75.2	77.4	77.7	78.1	78.2	78.3	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5
IV 4500	56.7	75.2	79.5	79.8	80.3	80.3	80.4	80.5	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7
IV 4000	56.6	79.7	81.1	81.5	82.0	82.0	82.1	82.2	82.3	82.4	82.4	82.4	82.4	82.5	82.5	82.5
IV 3500	56.8	81.5	82.5	83.2	83.7	83.8	83.9	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.3	84.3
IV 3000	56.8	82.9	84.4	84.7	85.2	85.3	85.4	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.8	85.8
IV 2500	56.4	85.5	87.1	87.5	88.1	88.1	88.3	88.4	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6
IV 2000	56.5	87.7	89.4	89.8	90.5	90.6	90.8	90.9	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2
IV 1800	57.1	88.2	90.0	90.5	91.2	91.3	91.5	91.7	91.8	91.8	91.9	91.9	91.9	91.9	92.0	92.0
IV 1500	57.3	89.5	91.5	92.1	92.9	93.0	93.2	93.4	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7
IV 1200	57.2	90.1	92.1	92.7	93.7	93.8	94.0	94.2	94.4	94.4	94.5	94.5	94.5	94.6	94.6	94.6
IV 1000	57.7	90.9	93.0	93.6	94.8	94.9	95.1	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.8	95.8
IV 900	58.8	91.2	93.3	94.0	95.2	95.3	95.6	95.9	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3
IV 800	58.9	91.6	93.8	94.5	95.7	95.8	96.1	96.5	96.7	96.8	96.8	96.8	96.9	96.9	97.0	97.0
IV 700	58.9	91.9	94.1	94.8	96.1	96.3	96.7	97.1	97.3	97.4	97.5	97.5	97.5	97.5	97.6	97.6
IV 600	59.0	92.0	94.3	95.1	96.5	96.7	97.1	97.6	97.9	98.0	98.1	98.1	98.2	98.2	98.2	98.2
IV 500	59.0	92.1	94.4	95.2	96.7	97.1	97.6	98.1	98.4	98.5	98.7	98.7	98.7	98.7	98.8	98.8
IV 400	59.0	92.1	94.5	95.4	96.9	97.2	97.7	98.3	98.7	98.8	99.0	99.0	99.0	99.1	99.1	99.1
IV 300	59.0	92.1	94.5	95.4	96.9	97.2	97.9	98.4	98.8	99.1	99.3	99.3	99.4	99.5	99.5	99.5
IV 200	59.0	92.1	94.5	95.4	96.9	97.3	97.9	98.5	98.9	99.1	99.4	99.4	99.5	99.6	99.6	99.7
IV 100	59.0	92.1	94.5	95.4	96.9	97.3	97.9	98.5	98.9	99.1	99.4	99.4	99.6	99.6	99.7	99.8
IV 0	59.0	92.1	94.5	95.4	96.9	97.3	97.9	98.5	98.9	99.1	99.4	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7198

DATA PROCESSING BRANCH  
USAF ETAC  
AFW WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION LITTLE ROCK AFB AR

69-78

MAY

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS CST

CEILING FEET	VISIBILITY /STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	47.5	61.1	63.5	64.7	67.7	67.1	67.2	67.4	67.4	67.4	67.7	67.7	67.8	67.8	67.8	67.8
≥ 20000	42.1	56.5	69.7	71.6	73.4	73.5	73.8	74.2	74.2	74.2	74.5	74.5	74.6	74.6	74.6	74.6
≥ 18000	42.2	57.1	69.7	71.9	73.5	73.7	73.9	74.3	74.3	74.3	74.6	74.6	74.7	74.7	74.7	74.7
≥ 16000	42.2	57.7	69.7	71.9	73.5	73.7	73.9	74.3	74.3	74.3	74.6	74.6	74.7	74.7	74.7	74.7
≥ 14000	42.4	57.3	71.1	71.2	73.9	74.3	74.2	74.6	74.6	74.6	74.9	74.9	75.1	75.1	75.1	75.1
≥ 12000	43.0	57.6	71.4	72.7	75.5	75.6	75.8	76.2	76.2	76.2	76.6	76.6	76.7	76.7	76.7	76.7
≥ 10000	44.3	72.5	75.1	76.2	79.0	79.1	79.5	79.9	80.3	80.3	80.6	80.6	80.8	80.8	80.8	80.8
≥ 9000	44.4	72.7	75.5	76.7	79.5	79.6	79.9	80.3	80.3	80.3	80.6	80.6	80.8	80.8	80.8	80.8
≥ 8000	45.1	74.5	77.7	74.9	81.7	81.8	82.2	82.7	82.7	82.7	83.0	83.0	83.1	83.1	83.1	83.1
≥ 7000	45.7	75.6	79.6	87.0	82.9	83.3	83.3	83.9	83.9	83.9	84.2	84.2	84.3	84.3	84.3	84.3
≥ 6000	46.3	77.1	80.6	82.0	85.3	85.4	85.7	86.2	86.2	86.2	86.6	86.6	86.7	86.7	86.7	86.7
≥ 5000	47.5	79.1	82.6	84.3	87.6	87.7	88.2	88.7	88.7	88.7	89.0	89.0	89.1	89.1	89.1	89.1
≥ 4500	48.3	80.1	84.7	85.4	89.1	89.2	89.7	90.2	90.2	90.2	90.5	90.5	90.6	90.6	90.6	90.6
≥ 4000	48.4	81.1	84.7	86.3	90.1	90.2	90.6	91.2	91.2	91.2	91.5	91.5	91.6	91.6	91.6	91.6
≥ 3500	48.4	81.7	85.5	87.1	90.9	91.3	91.4	91.9	91.9	91.9	92.3	92.3	92.4	92.4	92.4	92.4
≥ 3000	48.7	80.3	86.2	87.7	91.6	91.7	92.2	92.7	92.7	92.7	93.0	93.0	93.1	93.1	93.1	93.1
≥ 2500	48.8	82.7	86.7	88.2	92.3	92.4	92.8	93.3	93.3	93.3	93.7	93.7	93.8	93.8	93.8	93.8
≥ 2000	49.3	83.3	87.5	89.3	93.2	93.3	93.9	94.5	94.6	94.6	94.9	94.9	95.1	95.1	95.1	95.1
≥ 1800	49.0	83.4	87.6	89.1	93.3	93.4	94.7	94.6	94.7	94.7	95.1	95.1	95.2	95.2	95.2	95.2
≥ 1500	49.1	84.3	88.8	90.3	94.5	94.6	95.2	95.8	95.9	95.9	96.2	96.2	96.3	96.3	96.3	96.3
≥ 1200	49.1	84.6	89.1	90.9	95.3	95.4	96.0	96.7	96.8	96.8	97.1	97.1	97.2	97.2	97.2	97.2
≥ 1000	49.4	85.4	90.1	91.8	96.3	96.5	97.2	97.8	98.1	98.1	98.4	98.4	98.5	98.5	98.5	98.5
≥ 900	49.4	85.4	90.1	91.8	96.3	96.5	97.7	97.8	98.1	98.1	98.4	98.4	98.5	98.5	98.5	98.5
≥ 800	49.4	85.4	90.3	92.2	96.7	96.8	97.5	98.2	98.4	98.4	98.7	98.7	98.8	98.8	98.8	98.8
≥ 700	49.4	85.6	90.3	92.5	97.0	97.1	97.8	98.5	98.7	98.7	99.0	99.0	99.1	99.1	99.1	99.1
≥ 600	49.4	85.6	90.6	92.6	97.1	97.2	98.0	98.6	98.8	98.8	99.1	99.1	99.2	99.2	99.2	99.2
≥ 500	49.4	85.6	90.6	92.7	97.2	97.4	98.3	99.1	99.4	99.4	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	49.4	85.6	90.6	92.7	97.2	97.4	98.3	99.1	99.4	99.4	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	49.5	85.7	90.6	92.8	97.4	97.6	98.5	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	49.5	85.7	90.6	92.8	97.4	97.6	98.5	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	49.5	85.7	90.6	92.8	97.4	97.6	98.5	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	49.5	85.7	90.6	92.8	97.4	97.6	98.5	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

AFB PROCEEDING - DAY ON  
 CLEAR ETAC  
 AIRCRAFT SERVICE/MAID

# CEILING VERSUS VISIBILITY

STATION: LITTLE ROCK AFB A STATION NAME: 59-75 YEARS: 3303-0500 MONTH: NOV 1950

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES -															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥.	≥0
NO CEILING	39.3	52.5	56.7	54.1	67.9	41.5	62.5	63.3	63.4	63.7	63.8	63.8	64.1	64.2	64.2	64.2
≥ 20000	39.4	52.5	62.4	64.7	67.7	68.4	69.5	70.3	70.4	70.6	70.8	70.8	71.1	71.2	71.2	71.2
≥ 18000	39.2	52.5	62.4	64.7	67.7	68.4	69.5	70.3	70.4	70.6	70.8	70.8	71.1	71.2	71.2	71.2
≥ 16000	39.2	52.5	62.4	64.7	67.7	68.4	69.5	70.3	70.4	70.6	70.8	70.8	71.1	71.2	71.2	71.2
≥ 14000	39.2	52.5	62.4	64.7	67.7	68.4	69.5	70.3	70.4	70.6	70.8	70.8	71.1	71.2	71.2	71.2
≥ 12000	37.4	60.2	65.1	66.9	71.1	70.8	71.2	72.7	72.8	73.0	73.1	73.1	73.4	73.5	73.5	73.5
≥ 10000	39.5	60.7	69.1	71.0	74.3	75.1	75.1	77.0	77.1	77.3	77.4	77.4	77.7	77.8	77.8	77.8
≥ 9000	39.1	63.0	69.1	71.1	74.4	75.2	75.2	77.1	77.2	77.4	77.5	77.5	77.8	78.0	78.0	78.0
≥ 8000	39.3	65.4	77.3	72.8	75.1	77.0	78.1	78.9	79.0	79.2	79.4	79.4	79.7	79.8	79.8	79.8
≥ 7000	40.5	66.0	71.7	73.5	77.1	78.0	79.7	79.7	80.0	80.2	80.3	80.3	82.6	82.8	82.8	82.8
≥ 6000	41.2	66.3	74.1	75.0	79.6	80.4	81.5	82.4	82.5	82.7	82.8	82.8	83.1	83.2	83.2	83.2
≥ 5000	41.5	66.0	74.1	77.2	80.9	81.7	82.9	83.8	83.9	84.1	84.2	84.2	84.5	84.6	84.6	84.6
≥ 4500	42.5	70.9	75.7	79.3	83.3	84.2	85.3	86.2	86.3	86.6	86.7	86.7	87.0	87.1	87.1	87.1
≥ 4000	42.7	71.1	77.1	79.5	83.8	84.7	85.8	86.9	87.0	87.2	87.3	87.3	87.6	87.7	87.7	87.7
≥ 3500	43.1	71.5	77.7	80.4	84.7	85.7	86.9	87.8	88.0	88.2	88.3	88.3	88.6	88.7	88.7	88.7
≥ 3000	43.2	72.0	78.3	81.0	85.3	86.2	87.3	88.6	88.7	88.9	89.0	89.0	89.4	89.5	89.5	89.5
≥ 2500	43.1	72.9	79.0	82.3	86.5	87.4	88.5	89.8	89.9	90.1	90.2	90.2	90.5	90.6	90.6	90.6
≥ 2000	44.5	74.5	81.3	84.3	88.5	89.5	90.5	91.8	91.9	92.2	92.3	92.3	92.6	92.7	92.7	92.7
≥ 1800	44.6	74.9	81.4	84.6	89.1	90.2	91.4	92.7	92.8	93.0	93.1	93.1	93.4	93.5	93.5	93.5
≥ 1500	44.5	75.6	82.2	85.8	90.5	91.6	92.9	94.1	94.2	94.4	94.5	94.5	94.8	94.9	94.9	94.9
≥ 1200	44.9	75.1	83.7	86.3	91.1	92.2	93.3	94.6	94.7	94.9	95.1	95.1	95.4	95.5	95.5	95.5
≥ 1000	45.1	77.0	84.4	87.4	92.5	93.5	94.7	96.0	96.1	96.3	96.5	96.5	96.8	96.9	96.9	96.9
≥ 900	45.2	77.2	84.4	87.6	92.7	93.8	94.9	96.2	96.3	96.6	96.7	96.7	97.0	97.1	97.1	97.1
≥ 800	45.3	77.3	85.2	88.3	93.3	94.4	95.6	97.0	97.1	97.3	97.4	97.4	97.7	97.8	97.8	97.8
≥ 700	45.3	77.5	85.2	88.3	93.4	94.5	95.7	97.1	97.2	97.4	97.5	97.5	97.8	98.0	98.0	98.0
≥ 600	45.3	77.5	85.3	88.4	93.5	94.6	95.8	97.2	97.3	97.5	97.6	97.6	98.0	98.1	98.1	98.1
≥ 500	45.3	77.5	85.3	88.4	93.7	94.7	95.1	97.5	97.6	97.8	98.0	98.0	98.3	98.4	98.4	98.4
≥ 400	45.3	77.5	85.3	88.4	93.7	94.7	96.1	97.8	98.0	98.2	98.4	98.4	98.7	98.8	98.8	98.8
≥ 300	45.3	77.5	85.3	88.4	93.7	94.7	96.1	97.8	98.0	98.4	98.6	98.6	98.9	99.0	99.0	99.0
≥ 200	45.3	77.5	85.3	88.4	93.8	94.8	96.2	98.1	98.2	98.6	98.8	98.8	99.4	99.5	99.5	99.5
≥ 100	45.3	77.5	85.3	88.4	93.8	94.8	96.2	98.2	98.3	98.7	98.9	98.9	99.5	99.6	99.7	99.8
≥ 0	45.3	77.5	85.3	88.4	93.8	94.8	96.2	98.2	98.3	98.7	98.9	98.9	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

1. REPORTING STATION  
USAF ETAC  
2. DATA SERVICE/MAIL

# CEILING VERSUS VISIBILITY

3. STATION NAME  
LITTLE ROCK AFB A

4. YEAR  
55-73

5. MONTH  
MAY

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6. PERIOD  
0600-0800  
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	21.5	45.1	57.7	61.3	63.3	64.6	65.5	66.0	66.1	66.1	66.3	66.3	66.3	66.3	66.5	66.5
≥ 20000	24.7	52.0	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5
≥ 18000	34.1	51.1	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5
≥ 16000	24.7	52.0	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5
≥ 14000	34.1	51.1	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5
≥ 12000	34.1	51.1	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5
≥ 10000	34.1	51.1	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5
≥ 9000	34.1	51.1	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5
≥ 8000	34.1	51.1	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5
≥ 7000	34.1	51.1	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5
≥ 6000	34.1	51.1	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5
≥ 5000	34.1	51.1	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5
≥ 4500	34.1	51.1	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5
≥ 4000	34.1	51.1	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5
≥ 3500	34.1	51.1	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5
≥ 3000	34.1	51.1	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5
≥ 2500	34.1	51.1	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5
≥ 2000	34.1	51.1	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5
≥ 1800	34.1	51.1	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5
≥ 1500	34.1	51.1	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5
≥ 1200	34.1	51.1	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5
≥ 1000	34.1	51.1	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5
≥ 900	34.1	51.1	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5
≥ 800	34.1	51.1	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5
≥ 700	34.1	51.1	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5
≥ 600	34.1	51.1	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5
≥ 500	34.1	51.1	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5
≥ 400	34.1	51.1	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5
≥ 300	34.1	51.1	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5
≥ 200	34.1	51.1	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5
≥ 100	34.1	51.1	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5
≥ 0	34.1	51.1	58.7	58.1	60.1	61.5	62.6	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5

TOTAL NUMBER OF OBSERVATIONS 930

175 P. 001111 1010-  
STATION  
175 P. 001111 1010-

# CEILING VERSUS VISIBILITY

STATION: 175 P. 001111 1010- DATE: 5-7-78 DAY: 0900-1100  
PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 20000	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 18000	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 16000	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 14000	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 12000	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 10000	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 9000	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 8000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 7000	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 6000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 5000	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 4500	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 4000	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 3500	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 3000	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 2500	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 2000	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 1800	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 1600	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 1500	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 1200	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 1000	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 900	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 800	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 700	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 600	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 500	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 400	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 300	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 200	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 100	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 50	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9

TOTAL NUMBER OF OBSERVATIONS 930

1. TYPE OF OBSERVATION: CEILING  
 2. NAME OF STATION: USAF ETAC  
 3. NAME OF SERVICE/AGENCY: USAF

# CEILING VERSUS VISIBILITY

4. DATE: 1970 STATION NAME: LITTLE ROCK AFB A 5. YEAR: 69-70 6. NAME: NAV  
 7. PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 8. 1222-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥0
NO CEILING	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 20000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 18000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 16000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 14000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 12000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 10000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 9000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 8000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 7000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 6000	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 5000	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4500	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3500	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3000	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2500	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1800	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1600	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1400	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 930

177 2 200 1111 100 0  
 177 2 200 1111 100 0  
 177 2 200 1111 100 0

# CEILING VERSUS VISIBILITY

STATION: LITTLE ROCK AFB AR 50-75 YEAR: 1950-1970  
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS): 15-2-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0	≥0	≥0	≥0	≥0	≥0
NO CEILING	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥7000	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥6000	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥5000	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥4000	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥3000	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥2000	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥1000	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥900	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥800	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥700	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥600	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥500	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥400	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥300	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥200	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥100	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13072 LITTLE ROCK AFB AR  
STATION STATION NAME

69-78  
YEARS

MAY  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	49.4	52.9	64.7	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 20000	55.7	72.4	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 18000	55.2	72.8	74.5	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 16000	55.8	72.8	74.5	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 14000	55.9	73.1	74.6	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 12000	56.3	73.5	75.2	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 10000	61.5	79.3	81.2	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 9000	61.0	79.9	81.7	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 8000	61.7	82.0	84.0	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 7000	62.2	83.3	85.3	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 6000	63.1	84.9	87.7	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 5000	63.3	85.8	87.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4500	63.6	86.5	88.7	90.0	90.3	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4000	64.4	88.5	91.2	92.5	92.8	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3500	64.6	89.7	92.2	93.5	93.9	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3000	64.8	90.0	92.9	94.2	94.5	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2500	65.1	91.1	94.2	95.5	96.0	96.0	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2000	65.1	91.8	94.9	96.3	96.9	96.9	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	65.1	91.9	95.2	96.6	97.1	97.1	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	65.1	92.8	96.0	97.4	98.0	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	65.1	93.1	96.3	97.7	98.4	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	65.1	93.3	96.6	98.1	98.7	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	65.1	93.3	96.6	98.1	98.7	98.7	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	65.1	93.3	96.7	98.2	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	65.1	93.3	96.8	98.3	98.9	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	65.1	93.3	96.8	98.3	99.0	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	65.1	93.3	96.8	98.3	99.0	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	65.1	93.3	96.8	98.3	99.0	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	65.1	93.3	96.8	98.3	99.0	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	65.1	93.3	96.8	98.3	99.0	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	65.1	93.3	96.8	98.3	99.0	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	65.1	93.3	96.8	98.3	99.0	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION  
13420

STATION NAME  
LITTLE ROCK AFB AR

YEAR  
69-78

MONTH  
MAY

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	45.6	63.9	66.5	67.1	66.0	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3
≥ 20000	48.5	71.5	73.3	74.0	74.8	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3
≥ 18000	48.5	71.5	73.3	74.0	74.8	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3
≥ 16000	48.5	71.5	73.3	74.0	74.8	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3
≥ 14000	48.7	70.8	73.5	74.2	75.1	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5
≥ 12000	49.4	72.4	75.2	75.8	76.7	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.1
≥ 10000	51.3	76.2	79.2	80.0	80.9	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3
≥ 9000	51.7	76.7	79.7	80.4	81.3	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7
≥ 8000	52.4	79.2	81.6	82.4	83.4	83.4	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9
≥ 7000	52.7	78.7	82.8	83.5	84.7	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2
≥ 6000	54.4	81.2	85.3	86.0	87.2	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6
≥ 5000	54.9	82.0	86.1	86.9	88.1	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5
≥ 4500	55.3	83.2	87.3	88.2	89.4	89.4	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1
≥ 4000	55.7	84.9	89.1	90.0	91.3	91.3	91.5	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0
≥ 3000	55.7	85.6	89.8	90.6	91.9	91.9	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7
≥ 2500	56.0	86.2	90.4	91.5	93.0	93.0	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8
≥ 2000	56.1	87.0	91.7	92.4	93.9	93.9	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6
≥ 1800	56.3	87.6	91.7	93.2	94.9	95.1	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1
≥ 1500	56.3	87.7	92.0	93.3	95.1	95.2	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2
≥ 1200	56.5	88.3	93.0	94.3	96.0	96.2	96.7	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6
≥ 1000	56.5	88.5	93.4	94.9	96.7	96.9	97.3	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3
≥ 900	56.5	88.6	93.8	95.3	97.1	97.3	97.7	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
≥ 800	56.5	88.6	94.1	95.6	97.4	97.6	98.1	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
≥ 700	56.5	88.6	94.2	95.7	97.5	97.8	98.3	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2
≥ 600	56.5	88.8	94.4	95.9	97.7	98.1	98.5	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
≥ 500	56.5	88.9	94.5	96.0	97.8	98.2	98.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 400	56.5	88.9	94.5	96.0	97.8	98.2	98.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 300	56.5	89.0	94.6	96.1	98.0	98.3	98.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	56.5	89.0	94.6	96.1	98.0	98.3	98.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	56.5	89.0	94.6	96.1	98.0	98.3	98.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	56.5	89.0	94.6	96.1	98.0	98.3	98.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

0000 LITTLE ROCK AFB AR  
STATION STATION NAME

69-78  
YEARS

MAY  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (15)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥1/8	≥0
NO CEILING	42.4	57.8	59.9	60.6	61.6	61.9	62.1	62.3	62.4	62.4	62.5	62.5	62.5	62.6	62.6	62.6
≥ 20000	45.7	64.6	67.2	67.9	69.0	69.3	69.6	69.9	69.9	69.9	70.0	70.0	70.1	70.1	70.1	70.1
≥ 18000	45.7	64.7	67.2	68.0	69.1	69.4	69.7	69.9	70.0	70.0	70.1	70.1	70.1	70.2	70.2	70.2
≥ 16000	45.6	64.8	67.3	68.1	69.2	69.4	69.8	70.0	70.0	70.1	70.2	70.2	70.2	70.2	70.3	70.3
≥ 14000	45.1	65.1	67.6	68.4	69.5	69.8	70.1	70.4	70.4	70.4	70.5	70.5	70.6	70.6	70.6	70.6
≥ 12000	46.6	66.5	69.1	69.9	71.0	71.3	71.6	71.9	71.9	71.9	72.0	72.0	72.1	72.1	72.1	72.1
≥ 10000	48.9	70.7	73.5	74.4	75.6	75.9	76.3	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.8	76.8
≥ 9000	49.1	71.1	73.9	74.7	76.0	76.3	76.6	76.9	76.9	76.9	77.0	77.0	77.1	77.1	77.1	77.1
≥ 8000	50.1	73.1	76.1	77.0	78.3	78.6	78.9	79.2	79.2	79.2	79.3	79.3	79.4	79.4	79.4	79.4
≥ 7000	50.7	74.2	77.2	78.1	79.5	79.8	80.2	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.7	80.7
≥ 6000	51.6	75.3	79.0	79.9	81.3	81.6	82.0	82.3	82.3	82.3	82.4	82.4	82.5	82.5	82.5	82.5
≥ 5000	52.1	77.0	80.3	81.3	82.8	83.1	83.5	83.8	83.8	83.8	83.9	83.9	84.0	84.0	84.0	84.0
≥ 4500	52.5	78.0	81.4	82.5	84.2	84.5	84.9	85.2	85.3	85.3	85.4	85.4	85.5	85.5	85.5	85.5
≥ 4000	53.4	79.9	83.5	84.7	86.5	86.8	87.3	87.6	87.7	87.7	87.8	87.8	87.9	87.9	87.9	87.9
≥ 3500	53.7	81.6	84.9	85.8	87.6	88.0	88.4	88.7	88.8	88.8	88.9	88.9	89.0	89.0	89.0	89.0
≥ 3000	54.3	81.9	85.7	87.0	88.8	89.2	89.7	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3
≥ 2500	55.1	83.5	87.4	88.7	90.6	91.0	91.5	91.9	92.0	92.0	92.1	92.1	92.1	92.2	92.2	92.2
≥ 2000	55.6	85.1	89.1	90.5	92.5	92.9	93.4	93.9	94.0	94.0	94.1	94.1	94.2	94.2	94.2	94.2
≥ 1800	55.7	85.4	89.5	90.9	92.9	93.4	93.9	94.4	94.4	94.5	94.6	94.6	94.6	94.6	94.7	94.7
≥ 1500	55.8	86.5	90.7	92.2	94.3	94.8	95.3	95.8	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 1200	55.9	87.0	91.3	92.8	95.0	95.5	96.1	96.6	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9
≥ 1000	56.0	87.5	91.9	93.5	95.8	96.3	96.9	97.4	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 900	56.0	87.6	92.1	93.7	96.1	96.5	97.2	97.7	97.8	97.8	97.9	97.9	98.0	98.0	98.0	98.0
≥ 800	56.1	87.7	92.4	94.0	96.4	96.9	97.5	98.1	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4
≥ 700	56.1	87.9	92.6	94.3	96.7	97.2	97.8	98.4	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7
≥ 600	56.1	88.0	92.8	94.4	97.0	97.5	98.1	98.7	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1
≥ 500	56.1	88.0	92.8	94.5	97.1	97.6	98.3	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 400	56.1	88.0	92.8	94.5	97.1	97.6	98.4	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6
≥ 300	56.1	88.1	92.9	94.6	97.2	97.7	98.4	99.2	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8
≥ 200	56.1	88.1	92.9	94.6	97.2	97.7	98.4	99.2	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 100	56.1	88.1	92.9	94.6	97.2	97.7	98.4	99.3	99.4	99.6	99.8	99.8	99.9	99.9	99.9	100.0
≥ 0	56.1	88.1	92.9	94.6	97.2	97.7	98.4	99.3	99.4	99.6	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

STATION  
07930

STATION NAME  
LITTLE ROCK AFB AB

YEARS  
69-76

MONTH  
JUN

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	41.3	65.2	72.9	71.8	72.6	72.6	72.7	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥20000	43.6	73.8	76.8	77.7	78.4	78.7	78.9	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 18000	43.6	73.8	76.8	77.7	78.4	78.7	78.9	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 16000	43.6	73.8	76.8	77.7	78.4	78.7	78.9	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 14000	43.6	74.1	77.1	78.0	78.8	79.0	79.2	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 12000	45.1	75.9	78.9	79.8	80.6	80.8	81.0	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 10000	45.9	78.2	81.2	82.1	82.9	83.1	83.4	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 9000	46.6	78.9	81.9	82.8	83.6	83.8	84.1	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 8000	47.4	82.0	85.1	86.0	86.9	87.2	87.6	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 7000	48.3	82.9	86.0	86.9	87.9	88.2	88.6	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 6000	48.8	83.9	87.1	88.0	89.0	89.3	89.7	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 5000	49.1	85.1	88.3	89.4	90.8	91.1	91.4	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 4500	49.2	85.7	89.0	90.1	91.4	91.8	92.1	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 4000	49.3	86.6	90.3	91.4	92.8	93.1	93.4	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 3500	49.6	87.0	90.8	91.9	93.2	93.6	93.9	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 3000	49.7	87.7	91.4	92.7	94.0	94.3	95.0	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 2500	49.8	88.0	91.8	93.0	94.3	94.7	95.4	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 2000	49.8	88.2	92.0	93.2	94.6	94.9	95.7	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1800	49.8	88.2	92.0	93.2	94.6	94.9	95.7	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1500	50.2	88.8	92.6	93.8	95.1	95.4	96.2	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1200	50.2	89.3	93.1	94.3	95.7	96.0	96.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1000	50.6	89.8	93.6	94.8	96.3	96.7	97.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 900	50.6	89.8	93.6	94.8	96.4	96.8	97.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 800	50.6	89.8	93.6	94.8	96.6	96.9	97.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 700	50.6	90.0	93.8	95.0	96.8	97.1	97.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	50.6	90.2	94.1	95.3	97.1	97.4	98.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	50.6	90.4	94.3	95.6	97.3	97.7	98.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	50.6	90.6	94.4	95.7	97.4	97.8	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	50.6	90.6	94.4	95.7	97.4	97.8	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	50.6	90.6	94.4	95.7	97.4	97.8	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	50.6	90.6	94.4	95.7	97.4	97.8	98.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	50.6	90.6	94.4	95.7	97.4	97.8	98.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
USAF ETAC  
AFD WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3930  
STATION

LITTLE ROCK AFB AR  
STATION NAME

69-78  
YEARS

JUN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LT)

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥⅑	≥0
NO CEILING	29.7	57.3	61.7	63.2	65.9	66.7	67.4	68.3	68.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 20000	1.3	61.2	65.7	67.8	71.7	71.4	72.3	73.2	73.4	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 18000	1.3	61.2	65.7	67.8	71.7	71.4	72.3	73.2	73.4	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 16000	1.3	61.2	65.7	67.8	71.7	71.4	72.3	73.2	73.4	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 14000	1.3	62.0	66.4	68.6	71.6	72.3	73.2	74.1	74.3	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 12000	32.8	64.2	68.7	71.3	74.0	74.8	75.7	76.6	76.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 10000	33.7	66.8	71.4	73.8	76.9	77.7	78.6	79.4	80.3	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 9000	34.4	67.7	72.3	74.7	77.8	78.6	79.4	80.3	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 8000	35.1	67.7	74.7	77.0	80.1	80.9	81.8	82.6	83.0	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 7000	36.3	70.7	75.7	78.0	81.1	81.9	82.8	83.8	84.0	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 6000	36.6	71.9	76.0	79.3	82.4	83.2	84.1	85.1	85.3	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 5000	36.9	73.0	78.1	80.0	84.0	84.8	85.7	86.7	86.9	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4500	37.3	73.8	78.9	81.7	84.8	85.6	86.4	87.6	87.8	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4000	37.8	75.2	80.9	83.7	87.0	87.8	88.7	89.8	90.0	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3500	38.0	75.8	81.6	84.3	87.7	88.4	89.3	90.4	90.7	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3000	38.1	75.6	82.7	85.4	89.8	89.6	90.4	91.6	91.8	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2500	38.4	77.2	83.3	86.1	89.4	90.2	91.1	92.2	92.4	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2000	39.1	78.2	84.3	87.1	90.6	91.3	92.2	93.3	93.6	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1800	39.1	78.3	84.4	87.2	90.7	91.4	92.3	93.4	93.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1500	39.6	79.2	85.3	88.1	91.6	92.3	93.2	94.3	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	39.6	79.4	85.6	88.4	92.0	92.8	93.7	94.8	95.0	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000	39.6	79.9	86.1	89.0	92.6	93.3	94.2	95.3	95.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	39.6	80.0	86.2	89.1	92.7	93.4	94.3	95.4	95.7	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	39.6	80.3	86.7	89.6	93.4	94.3	95.2	96.3	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	39.6	81.2	87.7	90.6	94.4	95.3	96.2	97.3	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	39.6	81.2	87.7	90.6	94.4	95.3	96.2	97.3	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	39.6	81.4	87.9	90.8	94.7	95.6	96.4	97.6	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	39.6	81.4	87.9	90.8	94.7	95.6	96.4	97.7	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	39.6	81.4	87.9	90.8	94.8	95.7	96.7	97.9	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 200	39.6	81.4	87.9	90.8	94.8	95.7	96.7	97.9	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 100	39.6	81.4	87.9	90.8	94.8	95.7	96.7	97.9	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.4	99.6
≥ 0	39.6	81.4	87.9	90.8	94.8	95.7	96.7	97.9	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
USAF ETAC  
AF-Weather Service/4AC

# CEILING VERSUS VISIBILITY

STATION NAME  
LITTLE ROCK AFB AR

69-78

JUN

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS LT ST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	16.3	43.6	52.7	54.7	57.8	58.4	59.7	60.1	60.6	60.7	60.8	60.8	60.9	60.9	60.9	60.9
≥ 20000	18.8	54.1	59.1	61.4	64.8	65.4	66.7	67.1	67.6	67.7	67.8	67.8	67.9	67.9	67.9	67.9
IN 18000	18.8	54.1	59.1	61.4	64.8	65.4	66.7	67.1	67.6	67.7	67.8	67.8	67.9	67.9	67.9	67.9
IN 16000	18.9	54.2	59.2	61.6	64.9	65.6	66.8	67.2	67.7	67.8	67.9	67.9	68.0	68.0	68.0	68.0
IN 14000	19.2	54.6	59.6	61.9	65.2	65.9	67.1	67.6	68.0	68.2	68.3	68.3	68.4	68.4	68.4	68.4
IN 12000	19.2	55.7	61.7	64.2	67.6	68.2	69.4	69.9	70.3	70.7	70.8	70.8	71.0	71.0	71.0	71.0
IN 10000	22.0	63.4	65.8	68.4	72.0	72.7	73.9	74.3	74.9	75.2	75.3	75.3	75.6	75.6	75.6	75.6
IN 9000	32.2	60.3	66.1	66.8	72.3	73.0	74.2	74.7	75.2	75.6	75.7	75.7	75.9	75.9	75.9	75.9
IN 8000	34.0	64.0	69.6	72.2	75.9	76.6	77.8	78.2	78.8	79.1	79.2	79.2	79.4	79.4	79.4	79.4
IN 7000	34.3	64.7	70.3	73.0	76.8	77.4	78.7	79.1	79.7	80.0	80.1	80.1	80.3	80.3	80.3	80.3
IN 6000	35.3	66.4	72.1	75.1	78.9	79.6	80.8	81.2	81.8	82.1	82.2	82.2	82.4	82.4	82.4	82.4
IN 5000	35.8	67.6	73.3	76.4	80.4	81.1	82.3	82.8	83.4	83.8	83.9	83.9	84.1	84.1	84.1	84.1
IN 4500	36.2	68.0	74.0	77.3	81.3	82.0	83.2	83.7	84.3	84.7	84.8	84.8	85.0	85.0	85.0	85.0
IN 4000	36.7	69.6	75.6	78.9	82.9	83.6	84.8	85.3	86.0	86.3	86.4	86.4	86.7	86.7	86.7	86.7
IN 3500	36.7	69.9	75.9	79.2	83.3	84.0	85.2	85.9	86.6	86.9	87.0	87.0	87.2	87.2	87.2	87.2
IN 3000	36.7	70.2	76.2	79.7	84.0	84.7	85.9	86.6	87.2	87.6	87.7	87.7	87.9	87.9	87.9	87.9
IN 2500	37.0	71.4	77.6	81.0	85.3	86.0	87.2	87.9	88.6	88.9	89.0	89.0	89.2	89.2	89.2	89.2
IN 2000	37.3	72.7	79.0	82.4	86.8	87.6	88.8	89.4	90.1	90.4	90.6	90.6	90.9	90.9	90.9	90.9
IN 1800	37.7	73.2	79.6	83.0	87.4	88.2	89.4	90.1	90.8	91.1	91.2	91.2	91.6	91.6	91.6	91.6
IN 1500	38.0	75.1	81.4	84.9	89.4	90.2	91.4	92.1	92.8	93.1	93.3	93.3	93.7	93.7	93.7	93.8
IN 1200	38.3	76.1	82.6	86.0	90.7	91.4	92.7	93.3	94.0	94.3	94.6	94.6	94.9	94.9	94.9	95.0
IN 1000	38.3	76.7	83.2	86.7	91.3	92.1	93.3	94.0	94.7	95.0	95.2	95.2	95.6	95.6	95.6	95.7
IN 900	38.3	76.7	83.2	86.8	91.6	92.4	93.7	94.3	95.0	95.3	95.6	95.6	95.9	95.9	95.9	96.0
IN 800	38.3	77.2	83.9	87.4	92.2	93.1	94.3	95.1	95.8	96.1	96.3	96.3	96.7	96.7	96.7	96.8
IN 700	38.4	78.0	84.9	88.4	93.2	94.1	95.3	96.1	96.8	97.2	97.4	97.4	97.8	97.8	97.8	97.9
IN 600	38.4	78.4	85.4	89.0	93.8	94.7	95.9	96.7	97.3	98.0	98.2	98.2	98.6	98.6	98.6	98.7
IN 500	38.4	78.4	85.4	89.1	93.9	94.8	96.1	96.9	97.6	98.4	98.7	98.7	99.0	99.0	99.0	99.2
IN 400	38.4	78.6	85.6	89.2	94.0	94.9	96.2	97.4	98.1	99.0	99.2	99.2	99.6	99.6	99.6	99.8
IN 300	38.4	78.6	85.6	89.2	94.0	94.9	96.3	97.6	98.2	99.1	99.3	99.3	99.7	99.7	99.7	99.9
IN 200	38.4	78.6	85.6	89.2	94.0	94.9	96.3	97.6	98.2	99.1	99.3	99.3	99.7	99.7	99.7	99.9
IN 100	38.4	78.6	85.6	89.2	94.0	94.9	96.3	97.6	98.2	99.1	99.3	99.3	99.7	99.7	99.7	99.9
IN 0	38.4	78.6	85.6	89.2	94.0	94.9	96.3	97.6	98.2	99.1	99.3	99.3	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

15070 LITTLE ROCK AFB AR  
STATION STATION NAME

69-79  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (ST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	57.9	59.4	61.4	62.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 20000	1.9	6.2	6.3	6.9	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥ 18000	2.2	6.7	6.8	6.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
≥ 16000	2.2	6.7	6.8	6.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
≥ 14000	2.7	6.1	6.2	7.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 12000	2.7	6.1	7.1	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 10000	2.3	7.1	7.4	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
≥ 9000	2.6	7.2	7.4	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
≥ 8000	2.7	7.3	7.3	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 7000	2.1	7.6	7.9	8.0	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
≥ 6000	2.4	7.7	8.0	8.1	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
≥ 5000	2.3	7.3	8.1	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
≥ 4500	2.3	7.3	8.1	8.2	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
≥ 4000	2.0	8.1	8.4	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
≥ 3500	2.0	8.2	8.5	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
≥ 3000	2.0	8.3	8.6	8.7	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
≥ 2500	2.0	8.4	8.7	8.8	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 2000	2.1	8.6	8.9	9.0	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
≥ 1800	2.1	8.7	9.0	9.1	9.2	9.2	9.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
≥ 1500	2.3	8.8	9.2	9.3	9.4	9.4	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
≥ 1200	2.3	8.9	9.2	9.3	9.5	9.5	9.5	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
≥ 1000	2.3	9.1	9.4	9.5	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 900	2.3	9.1	9.4	9.5	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 800	2.3	9.1	9.4	9.5	9.7	9.7	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
≥ 700	2.3	9.1	9.4	9.5	9.7	9.7	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
≥ 600	2.3	9.2	9.5	9.6	9.8	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
≥ 500	2.3	9.2	9.5	9.6	9.8	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
≥ 400	2.3	9.2	9.5	9.6	9.8	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
≥ 300	2.3	9.2	9.5	9.6	9.8	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
≥ 200	2.3	9.2	9.5	9.6	9.8	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
≥ 100	2.3	9.2	9.5	9.6	9.8	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
≥ 0	2.3	9.2	9.5	9.6	9.8	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
USAF ETAC  
AID WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

2030  
STATION

LITTLE ROCK AFB AR  
STATION NAME

69-78  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS

CEILING -FEET-	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	45.7	61.0	62.7	62.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥20000	50.4	66.6	70.4	71.4	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥18000	50.8	68.9	70.8	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥16000	50.8	68.9	70.8	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥14000	51.2	69.1	71.1	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥12000	52.7	71.6	73.4	72.4	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥10000	55.0	75.6	78.4	78.4	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥9000	55.3	77.1	79.0	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥8000	57.6	81.2	83.3	83.4	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥7000	58.4	82.2	84.3	84.4	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥6000	58.7	83.0	85.1	85.2	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥5000	58.9	83.7	85.8	86.0	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥4500	59.3	84.3	86.7	86.9	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥4000	61.2	86.9	89.4	89.8	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥3500	62.0	88.7	90.6	90.9	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥3000	63.9	93.9	93.6	93.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥2500	64.4	92.1	94.9	95.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥2000	65.0	93.4	96.2	96.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥1800	65.1	93.8	96.6	96.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥1500	65.2	94.1	97.0	97.3	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥1200	65.2	94.1	97.1	97.4	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥1000	65.2	94.7	97.7	98.1	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥900	65.2	94.7	97.7	98.1	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥800	65.2	94.8	97.8	98.2	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥700	65.2	94.8	97.8	98.2	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥600	65.2	94.8	97.8	98.2	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥500	65.2	94.8	97.8	98.2	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥400	65.2	94.9	97.9	98.3	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥300	65.2	94.9	97.9	98.3	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥200	65.2	94.9	97.9	98.3	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥100	65.2	94.9	97.9	98.3	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥0	65.2	94.9	97.9	98.3	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
USAF ETAC  
AFC WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1970 LITTLE ROCK AFB AR  
STATION STATION NAME

69-79

YEARS

JUN

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	47.9	62.9	63.8	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 20000	5.0	73.7	75.1	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 18000	55.1	73.0	75.3	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 16000	55.2	74.0	75.4	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 14000	55.7	74.7	76.1	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 12000	56.8	76.1	77.0	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000	56.6	81.1	82.6	82.8	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000	59.3	82.2	83.7	83.9	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 8000	50.8	84.7	86.4	86.8	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 7000	51.2	85.4	87.7	87.6	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 6000	51.9	86.1	88.7	88.3	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 5000	52.3	87.9	89.8	90.1	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 4500	3.3	90.4	91.7	92.1	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4000	55.0	91.9	94.3	94.7	95.3	95.3	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 3500	55.6	92.6	95.1	95.3	95.0	95.0	96.0	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 3000	56.4	93.8	96.2	96.6	97.2	97.2	97.2	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2500	55.7	94.3	96.8	97.1	97.8	97.8	97.8	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000	56.6	94.8	97.2	97.6	98.2	98.2	98.2	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	56.8	94.5	97.2	97.6	98.2	98.2	98.2	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	56.8	95.0	97.7	98.0	98.7	98.7	98.7	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	56.8	95.0	97.7	98.0	98.7	98.7	98.7	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	56.8	95.0	97.8	98.2	98.9	98.9	98.9	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	56.8	95.0	97.8	98.2	98.9	98.9	98.9	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	56.8	95.0	97.8	98.2	99.0	99.0	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	56.8	95.0	97.8	98.2	99.1	99.1	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	56.8	95.0	97.8	98.2	99.1	99.1	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	56.8	95.1	97.9	98.3	99.2	99.2	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	56.8	95.1	97.9	98.3	99.2	99.2	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	56.8	95.1	97.9	98.3	99.2	99.2	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	56.8	95.1	97.9	98.3	99.2	99.2	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	56.8	95.1	97.9	98.3	99.2	99.2	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	56.8	95.1	97.9	98.3	99.2	99.2	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03930  
STATION

LITTLE ROCK AFB AR  
STATION NAME

69-78  
YEARS

JUN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	45.7	66.2	67.1	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 20000	57.1	78.6	79.8	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 18000	57.1	78.6	80.1	80.5	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 16000	57.1	78.6	80.2	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 14000	57.6	79.4	80.8	81.4	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 12000	59.2	82.0	82.7	83.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 10000	61.7	85.1	85.7	86.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 9000	62.1	86.6	87.0	87.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 8000	67.3	88.7	90.0	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 7000	63.6	89.4	91.2	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 6000	63.6	89.9	91.9	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 5000	64.7	90.7	92.7	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4500	64.1	91.3	93.3	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4000	64.6	92.9	95.7	95.9	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 3500	64.7	93.6	95.7	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3000	65.0	94.3	96.6	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	65.1	94.7	97.1	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	65.1	94.8	97.7	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	65.1	94.8	97.3	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	65.1	94.9	97.7	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	65.2	95.0	97.8	99.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	65.2	95.0	97.8	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	65.2	95.0	97.8	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	65.2	95.0	97.8	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	65.2	95.0	97.8	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	65.2	95.0	97.8	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	65.2	95.0	97.8	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	65.2	95.0	97.8	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	65.2	95.0	97.8	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	65.2	95.0	97.8	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	65.2	95.0	97.8	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	65.2	95.0	97.8	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
USAF ETAC  
AFW WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

15430 LITTLE ROCK AFB AR

69-78

JUN

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1969-2006

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	49.7	66.2	67.1	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 20000	57.1	75.6	79.8	81.4	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 18000	57.1	75.6	80.1	81.5	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 16000	57.1	75.6	82.2	83.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 14000	57.6	79.4	81.5	81.4	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 12000	59.2	82.0	83.3	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 10000	61.7	85.1	87.2	87.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 9000	62.1	86.6	88.1	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 8000	63.3	87.7	90.4	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 7000	63.6	89.4	91.2	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 6000	63.8	89.9	91.9	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 5000	64.0	90.7	92.7	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4500	64.1	91.3	93.3	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4000	64.6	92.9	95.0	95.9	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 3500	64.7	93.6	95.7	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3000	65.0	94.3	96.6	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	65.1	94.7	97.1	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	65.1	94.8	97.3	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	65.1	94.8	97.3	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	65.1	94.9	97.7	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	65.2	95.0	97.8	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	65.2	95.0	97.8	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	65.2	95.0	97.8	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	65.2	95.0	97.8	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	65.2	95.0	97.8	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	65.2	95.0	97.8	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	65.2	95.0	97.8	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	65.2	95.0	97.8	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	65.2	95.0	97.8	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	65.2	95.0	97.8	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	65.2	95.0	97.8	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	65.2	95.0	97.8	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

900

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION LITTLE ROCK AFB AR

69-72

JUN

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
-0500-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.125	≥.0625	≥.03125
NO CEILING	48.6	71.3	74.0	75.2	75.9	75.9	76.0	76.0	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2
≥ 20000	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 18000	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 16000	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 14000	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 12000	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 10000	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 9000	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 8000	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 7000	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 6000	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 5000	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4500	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4000	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3500	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3000	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2500	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2000	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1800	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1500	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1200	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1000	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 900	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 800	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 700	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 600	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 500	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 400	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 300	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 200	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 100	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 0	52.6	79.6	82.3	83.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9

TOTAL NUMBER OF OBSERVATIONS 960

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

03930  
STATION

LITTLE ROCK AFB AR  
STATION NAME

69-78  
YEARS

JUN  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (151)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	41.0	61.9	64.2	65.2	66.4	66.5	66.8	67.1	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3
≥ 20000	45.1	69.5	72.2	73.2	74.5	74.8	75.1	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 18000	45.2	69.6	72.4	73.4	74.7	74.9	75.2	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 16000	45.2	69.7	72.4	73.4	74.8	75.0	75.3	75.5	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8
≥ 14000	45.5	70.1	72.9	73.9	75.2	75.4	75.7	76.0	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3
≥ 12000	46.8	72.0	74.6	75.9	77.2	77.4	77.7	78.0	78.1	78.2	78.2	78.2	78.3	78.3	78.3	78.3
≥ 10000	48.4	75.5	78.4	79.6	81.0	81.2	81.5	81.8	81.9	82.0	82.0	82.0	82.1	82.1	82.1	82.1
≥ 9000	48.9	76.1	79.0	80.1	81.5	81.7	82.0	82.3	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 8000	50.3	79.1	82.2	83.3	84.8	85.0	85.3	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 7000	50.7	79.9	83.0	84.2	85.6	85.9	86.2	86.5	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8
≥ 6000	51.3	80.8	84.0	85.2	86.7	86.9	87.3	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 5000	51.7	82.0	85.2	86.5	88.1	88.3	88.6	88.9	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3
≥ 4500	52.0	82.6	86.0	87.4	88.9	89.2	89.5	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4000	52.8	84.3	87.9	89.3	90.9	91.2	91.5	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3500	53.1	84.9	88.6	90.0	91.6	91.9	92.2	92.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	53.5	86.0	89.8	91.3	93.0	93.2	93.6	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2500	53.8	86.7	90.6	92.1	93.8	94.1	94.4	94.8	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2000	54.2	87.5	91.5	93.0	94.7	95.0	95.4	95.8	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800	54.3	87.7	91.6	93.1	94.9	95.2	95.6	96.0	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4
≥ 1500	54.6	88.5	92.5	93.9	95.5	95.8	96.4	96.9	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 1200	54.7	88.8	92.8	94.3	96.0	96.5	96.9	97.4	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	54.7	89.2	93.3	94.8	96.8	97.1	97.5	97.9	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 900	54.7	89.2	93.3	94.9	96.8	97.2	97.6	98.0	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 800	54.7	89.4	93.5	95.1	97.1	97.4	97.9	98.3	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 700	54.8	89.7	93.8	95.4	97.4	97.8	98.3	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 600	54.8	89.8	94.0	95.5	97.6	98.0	98.5	98.9	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 500	54.8	89.9	94.1	95.6	97.7	98.1	98.6	99.1	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 400	54.8	89.9	94.1	95.7	97.8	98.1	98.7	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 300	54.8	89.9	94.1	95.7	97.8	98.2	98.7	99.3	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	54.8	89.9	94.1	95.7	97.8	98.2	98.7	99.3	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 100	54.8	89.9	94.1	95.7	97.8	98.2	98.7	99.3	99.4	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 0	54.8	89.9	94.1	95.7	97.8	98.2	98.7	99.3	99.4	99.7	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

02930  
STATION

LITTLE ROCK AFB AP  
STATION NAME

69-78  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	37.1	71.4	76.3	77.0	78.3	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 20000	38.8	77.0	81.8	83.1	84.6	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 18000	38.9	77.0	81.8	83.1	84.6	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 16000	38.8	77.0	81.8	83.1	84.6	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 14000	38.9	77.3	82.5	83.8	85.3	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 12000	39.9	78.4	83.5	84.8	86.3	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 10000	41.0	81.1	86.5	87.8	89.4	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 9000	41.0	81.2	86.6	88.0	89.5	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 8000	41.6	82.4	87.7	89.1	90.6	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 7000	42.3	82.8	88.2	89.6	91.4	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 6000	42.5	83.5	88.9	90.3	92.2	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 5000	43.3	84.8	90.2	91.6	93.4	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4500	43.5	85.8	91.2	92.6	94.4	94.9	94.9	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 4000	43.7	87.1	92.6	94.0	95.9	96.5	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3500	43.7	87.4	92.9	94.3	96.2	96.8	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 3000	43.7	87.5	93.1	94.5	96.5	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2500	43.7	87.8	93.4	94.8	96.8	97.3	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	43.7	87.8	93.4	94.8	96.8	97.3	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	43.7	88.2	93.8	95.2	97.1	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	43.9	88.5	94.1	95.5	97.4	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	44.1	88.7	94.3	95.7	97.6	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	44.2	88.9	94.5	95.9	98.0	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	44.2	89.0	94.6	96.0	98.1	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	44.4	89.5	95.1	96.5	98.5	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	44.5	89.8	95.4	96.8	98.8	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	44.5	89.8	95.4	96.8	98.8	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	44.5	89.9	95.5	96.9	99.1	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	44.5	89.9	95.5	96.9	99.1	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	44.5	89.9	95.5	96.9	99.1	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	44.5	89.9	95.5	96.9	99.1	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	44.5	89.9	95.5	96.9	99.1	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	44.5	89.9	95.5	96.9	99.1	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

03930  
STATION

LITTLE ROCK AFB AR  
STATION NAME

69-78  
YEARS

JUL  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	29.7	63.4	70.8	73.2	76.3	77.1	78.1	78.1	78.1	78.2	78.4	78.4	78.7	78.7	78.7	78.8
≥ 20000	33.9	66.6	74.3	76.8	80.0	80.6	81.8	81.9	81.9	82.0	82.3	82.3	82.6	82.6	82.6	82.7
≥ 18000	30.9	66.6	74.3	76.8	80.0	80.8	81.8	82.0	82.0	82.2	82.4	82.4	82.7	82.7	82.7	82.8
≥ 16000	37.9	66.6	74.3	76.8	80.0	80.8	81.8	82.0	82.0	82.2	82.4	82.4	82.7	82.7	82.7	82.8
≥ 14000	30.9	66.8	74.6	77.1	80.3	81.1	82.2	82.4	82.4	82.5	82.7	82.7	83.0	83.0	83.0	83.1
≥ 12000	31.9	68.2	76.0	78.8	82.0	82.8	83.9	84.1	84.1	84.2	84.4	84.4	84.7	84.7	84.7	84.8
≥ 10000	33.4	71.8	80.1	83.1	86.6	87.3	88.4	88.6	88.7	88.8	89.0	89.0	89.4	89.4	89.4	89.5
≥ 9000	33.7	72.2	80.4	83.5	87.0	87.7	88.8	89.0	89.1	89.2	89.5	89.5	89.8	89.8	89.8	89.9
≥ 8000	34.7	73.2	81.5	84.6	88.2	88.9	90.1	90.3	90.4	90.5	90.6	90.8	91.1	91.1	91.1	91.2
≥ 7000	34.8	73.5	81.8	84.9	88.5	89.2	90.4	90.8	90.9	91.0	91.2	91.2	91.5	91.5	91.5	91.6
≥ 6000	35.3	74.2	82.5	85.6	89.1	89.9	91.1	91.4	91.5	91.6	91.8	91.8	92.2	92.2	92.2	92.3
≥ 5000	35.4	74.6	82.9	86.1	89.7	90.4	91.6	91.9	92.0	92.2	92.4	92.4	92.7	92.7	92.7	92.8
≥ 4500	35.7	75.3	83.5	86.8	90.3	91.1	92.3	92.6	92.7	92.8	93.0	93.0	93.3	93.3	93.3	93.4
≥ 4000	35.7	76.0	84.4	87.6	91.2	91.9	93.1	93.4	93.5	93.7	93.9	93.9	94.3	94.3	94.3	94.4
≥ 3500	35.8	76.6	84.9	88.2	91.7	92.5	93.7	94.0	94.1	94.2	94.4	94.4	94.8	94.8	94.8	94.9
≥ 3000	35.8	77.0	85.4	88.6	92.2	92.9	94.1	94.4	94.5	94.6	94.8	94.8	95.3	95.3	95.3	95.4
≥ 2500	36.1	77.5	85.9	89.1	92.7	93.4	94.6	94.9	95.1	95.2	95.4	95.4	95.8	95.8	95.8	95.9
≥ 2000	36.2	77.7	86.1	89.6	93.2	94.0	95.2	95.5	95.6	95.7	95.9	95.9	96.3	96.3	96.3	96.5
≥ 1800	36.2	77.7	86.1	89.6	93.2	94.0	95.2	95.5	95.6	95.7	95.9	95.9	96.3	96.3	96.3	96.5
≥ 1500	36.3	77.8	86.2	89.7	93.4	94.2	95.4	95.7	95.8	95.9	96.1	96.1	96.6	96.6	96.6	96.7
≥ 1200	36.6	78.4	86.8	90.2	94.0	94.7	95.9	96.2	96.3	96.5	96.7	96.7	97.1	97.1	97.1	97.2
≥ 1000	36.7	79.1	87.5	91.0	94.8	95.6	96.8	97.1	97.2	97.3	97.5	97.5	98.0	98.0	98.0	98.1
≥ 900	36.8	79.2	87.6	91.1	94.9	95.7	96.9	97.2	97.3	97.4	97.6	97.6	98.1	98.1	98.1	98.2
≥ 800	36.8	79.6	88.3	91.7	95.6	96.3	97.5	97.8	98.0	98.1	98.3	98.3	98.7	98.7	98.7	98.8
≥ 700	37.7	80.0	88.7	92.2	96.0	96.8	98.0	98.3	98.4	98.5	98.7	98.7	99.1	99.1	99.1	99.2
≥ 600	37.1	80.1	88.8	92.3	96.1	96.9	98.1	98.4	98.5	98.6	98.8	98.8	99.2	99.2	99.2	99.4
≥ 500	37.1	80.2	88.9	92.4	96.2	97.0	98.2	98.5	98.6	98.8	99.1	99.1	99.6	99.6	99.6	99.7
≥ 400	37.1	80.2	89.0	92.5	96.3	97.1	98.3	98.7	98.8	99.0	99.4	99.4	99.8	99.8	99.8	99.9
≥ 300	37.1	80.2	89.0	92.5	96.3	97.1	98.3	98.7	98.8	99.0	99.4	99.4	99.8	99.8	99.8	99.9
≥ 200	37.1	80.2	89.0	92.5	96.3	97.1	98.3	98.7	98.8	99.0	99.4	99.4	99.8	99.9	99.9	100.0
≥ 100	37.1	80.2	89.0	92.5	96.3	97.1	98.3	98.7	98.8	99.0	99.4	99.4	99.8	99.9	99.9	100.0
≥ 0	37.1	80.2	89.0	92.5	96.3	97.1	98.3	98.7	98.8	99.0	99.4	99.4	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

07930 LITTLE ROCK AFB AP

69-78

JUL

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	26.8	54.9	61.6	65.4	67.6	68.9	70.1	70.8	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.4
≥ 20000	28.2	58.2	64.9	68.9	71.5	72.9	74.1	75.1	75.3	75.3	75.4	75.4	75.6	75.7	75.7	75.9
≥ 18000	28.2	58.2	64.9	68.9	71.5	72.9	74.1	75.1	75.3	75.3	75.4	75.4	75.6	75.7	75.7	75.9
≥ 16000	28.2	58.2	64.9	68.9	71.5	72.9	74.1	75.1	75.3	75.3	75.4	75.4	75.6	75.7	75.7	75.9
≥ 14000	28.2	58.4	65.2	69.1	71.7	73.1	74.3	75.3	75.5	75.5	75.6	75.6	75.8	75.9	75.9	76.1
≥ 12000	29.9	60.4	67.3	71.5	74.1	75.5	76.7	77.6	77.8	77.8	78.0	78.0	78.2	78.3	78.3	78.5
≥ 10000	31.1	64.8	71.9	76.5	79.1	80.5	81.9	82.9	83.1	83.1	83.2	83.2	83.5	83.7	83.7	83.9
≥ 9000	32.2	65.3	72.4	76.9	79.6	81.0	82.4	83.3	83.5	83.5	83.7	83.7	84.0	84.1	84.1	84.3
≥ 8000	32.9	67.7	75.1	79.7	82.6	84.1	85.7	86.7	86.9	86.9	87.0	87.0	87.3	87.4	87.4	87.6
≥ 7000	33.1	68.5	75.9	80.4	83.3	84.8	86.5	87.4	87.6	87.6	87.7	87.7	88.1	88.2	88.2	88.4
≥ 6000	33.1	68.9	76.2	81.2	84.1	85.6	87.2	88.2	88.4	88.4	88.5	88.5	88.8	88.9	88.9	89.1
≥ 5000	33.2	69.6	77.0	82.0	84.9	86.5	88.1	89.0	89.2	89.2	89.4	89.4	89.7	89.8	89.8	90.0
≥ 4500	33.3	69.8	77.2	82.3	85.2	86.7	88.3	89.4	89.6	89.6	89.7	89.7	90.0	90.1	90.1	90.3
≥ 4000	33.5	70.9	78.5	83.5	86.8	88.4	90.0	91.1	91.3	91.3	91.5	91.5	91.8	91.9	91.9	92.2
≥ 3500	33.5	71.1	78.7	83.8	87.0	88.6	90.2	91.3	91.5	91.5	91.7	91.7	92.0	92.2	92.2	92.4
≥ 3000	33.5	71.2	78.8	83.9	87.1	88.7	90.3	91.4	91.6	91.6	91.8	91.8	92.2	92.3	92.3	92.5
≥ 2500	33.7	71.6	79.2	84.3	87.5	89.1	90.9	92.0	92.3	92.3	92.5	92.5	92.8	92.9	92.9	93.1
≥ 2000	33.8	71.7	79.4	84.4	87.7	89.4	91.1	92.4	92.6	92.6	92.8	92.8	93.1	93.2	93.2	93.4
≥ 1800	33.8	71.8	79.5	84.5	87.8	89.5	91.2	92.5	92.7	92.7	92.9	92.9	93.2	93.3	93.3	93.5
≥ 1500	34.0	72.4	80.0	85.1	88.4	90.0	91.7	93.0	93.2	93.2	93.4	93.4	93.8	93.9	93.9	94.1
≥ 1200	34.3	73.2	80.9	85.9	89.2	90.9	92.7	94.0	94.2	94.2	94.4	94.4	94.7	94.8	94.8	95.1
≥ 1000	34.6	73.9	81.5	86.7	90.0	91.6	93.7	94.9	95.2	95.2	95.4	95.4	95.7	95.8	95.8	96.0
≥ 900	34.8	74.3	81.9	87.2	90.5	92.2	94.2	95.5	95.7	95.7	95.9	95.9	96.2	96.3	96.3	96.6
≥ 800	35.1	74.8	82.7	88.1	91.5	93.1	95.2	96.5	96.7	96.7	96.9	96.9	97.2	97.3	97.3	97.5
≥ 700	35.5	75.6	83.4	88.9	92.6	94.2	96.2	97.5	97.7	97.7	98.0	98.0	98.3	98.4	98.4	98.6
≥ 600	35.6	75.8	83.7	89.1	92.9	94.5	96.6	97.8	98.1	98.1	98.3	98.3	98.6	98.7	98.7	98.9
≥ 500	35.6	75.8	83.7	89.1	92.9	94.5	96.6	97.8	98.1	98.1	98.3	98.3	98.6	98.7	98.7	98.9
≥ 400	35.6	75.8	83.7	89.1	92.9	94.6	96.8	98.1	98.3	98.3	98.6	98.6	98.9	99.0	99.0	99.2
≥ 300	35.6	75.8	83.7	89.1	92.9	94.6	96.9	98.3	98.5	98.5	98.8	98.8	99.1	99.2	99.5	99.7
≥ 200	35.6	75.8	83.7	89.1	92.9	94.7	97.0	98.4	98.6	98.6	99.0	99.0	99.5	99.6	99.8	100.0
≥ 100	35.6	75.8	83.7	89.1	92.9	94.7	97.0	98.4	98.6	98.6	99.0	99.0	99.5	99.6	99.8	100.0
≥ 0	35.6	75.8	83.7	89.1	92.9	94.7	97.0	98.4	98.6	98.6	99.0	99.0	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 970

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13930 LITTLE ROCK AFB AF

69-78

JUL

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	38.5	63.1	65.7	66.7	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 20000	41.2	68.6	71.2	72.3	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 18000	41.3	68.7	71.3	72.4	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 16000	41.3	68.7	71.3	72.4	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 14000	41.6	69.0	71.6	72.7	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 12000	43.9	72.0	74.9	75.9	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 10000	47.0	76.7	79.6	80.8	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 9000	47.2	76.9	79.2	81.0	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 8000	47.7	78.0	81.0	82.4	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 7000	48.1	78.5	81.5	82.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 6000	48.6	79.4	82.4	83.8	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 5000	49.4	81.1	84.1	85.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 4500	49.7	81.0	84.7	86.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4000	50.0	83.8	86.9	88.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3500	50.5	84.4	87.5	89.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	51.7	85.8	89.0	90.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500	52.3	86.9	90.2	91.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	52.7	88.1	91.4	93.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	52.7	88.2	91.6	93.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1500	53.0	89.7	93.3	94.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	53.0	90.0	93.9	95.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	53.4	90.9	94.7	96.5	97.5	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	53.4	91.1	95.1	96.9	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	53.5	91.5	95.7	97.5	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	53.8	91.8	96.0	97.8	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	53.8	91.8	96.0	97.8	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	53.8	91.9	96.1	98.0	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	53.8	91.9	96.1	98.0	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	53.8	91.9	96.1	98.0	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	53.8	91.9	96.1	98.0	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	53.8	91.9	96.1	98.0	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	53.8	91.9	96.1	98.0	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13939  
STATION

LITTLE ROCK AFB AR  
STATION NAME

64-78  
YEARS

JUL  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	35.5	60.6	61.5	61.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥20000	45.8	69.2	70.4	70.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥18000	45.9	69.4	70.5	70.8	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥16000	45.9	69.4	70.5	70.8	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥14000	45.9	69.6	71.2	71.0	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥12000	47.6	72.3	73.4	73.7	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥10000	50.3	76.5	77.8	78.1	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥9000	50.6	76.6	78.2	78.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥8000	51.8	78.4	79.8	80.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥7000	52.2	79.2	80.5	80.9	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥6000	52.5	79.9	81.3	81.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥5000	52.8	80.5	81.9	82.2	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥4500	54.0	82.7	84.1	84.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥4000	56.3	87.4	88.9	89.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥3500	57.2	89.4	91.0	91.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥3000	58.6	93.0	94.7	94.9	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥2500	58.9	93.5	95.4	95.6	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥2000	59.4	94.2	96.0	96.2	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥1800	59.5	94.5	96.3	96.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥1500	59.7	95.4	97.2	97.4	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥1200	60.0	95.9	97.7	98.0	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥1000	60.2	96.1	98.0	98.2	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥900	60.3	96.2	98.1	98.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥800	60.3	96.2	98.1	98.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥700	60.3	96.2	98.1	98.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥600	60.3	96.2	98.1	98.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥500	60.3	96.2	98.1	98.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400	60.3	96.2	98.1	98.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	60.3	96.2	98.1	98.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	60.3	96.2	98.1	98.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	60.3	96.2	98.1	98.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	60.3	96.2	98.1	98.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC

0-14-5 (02-67) REVISIONS TO THE FORM USE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIP WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

03930 LITTLE ROCK AFB AR

69-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING	39.1	58.7	59.1	59.8	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 20000	49.4	74.2	74.6	75.3	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 18000	49.5	74.3	74.7	75.4	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 16000	40.6	74.4	74.8	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 14000	40.9	74.5	75.3	75.9	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 12000	31.7	77.3	77.7	78.4	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 10000	54.2	82.4	82.8	83.4	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 9000	54.5	83.0	83.4	84.1	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 8000	56.0	85.4	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 7000	56.1	85.7	86.1	86.8	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 6000	57.0	86.8	87.3	88.0	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 5000	57.6	87.5	88.2	88.8	89.5	89.5	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4500	58.2	88.8	89.4	90.0	90.6	90.6	90.6	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 4000	59.3	92.6	93.1	93.9	94.5	94.5	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3500	60.3	93.2	94.0	94.7	95.4	95.4	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3000	61.1	94.9	95.9	96.7	97.3	97.3	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2500	61.4	95.5	96.6	97.3	98.0	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	61.5	95.9	97.0	97.7	98.4	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	61.5	96.0	97.1	97.8	98.5	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	61.6	96.6	97.7	98.5	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	61.6	96.6	97.7	98.5	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	61.6	96.6	98.0	98.7	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	61.6	96.8	98.0	98.7	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	61.6	96.9	98.1	98.8	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	61.6	97.0	98.2	98.9	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	61.6	97.0	98.2	98.9	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	61.6	97.0	98.2	98.9	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 400	61.6	97.0	98.2	98.9	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 300	61.6	97.0	98.2	98.9	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 200	61.6	97.0	98.2	98.9	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 100	61.6	97.0	98.2	98.9	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 0	61.6	97.0	98.2	98.9	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13970  
STATION

LITTLE ROCK AFB AP  
STATION NAME

69-78  
YEARS

JUL  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS 1ST

CEILING FEET	VISIBILITY (STATUTE MILES):															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	42.6	62.5	64.5	65.2	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 20000	50.0	77.2	79.5	80.2	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 18000	50.0	77.2	79.5	80.2	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 16000	50.0	77.2	79.5	80.2	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 14000	50.2	77.4	79.7	80.4	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 12000	52.2	80.3	82.6	83.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 10000	54.7	84.9	87.2	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 9000	54.9	85.2	87.4	88.2	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 8000	55.9	87.7	90.0	90.8	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 7000	56.6	88.7	91.1	91.8	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 6000	57.1	89.4	91.8	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 5000	57.3	89.8	92.3	93.0	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4500	57.3	89.8	92.3	93.0	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4000	58.5	92.2	94.7	95.7	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3500	59.0	92.9	95.5	96.5	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3000	59.2	93.3	96.0	97.0	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2500	59.5	94.1	96.8	97.8	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	59.7	94.5	97.3	98.3	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	59.7	94.5	97.3	98.3	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	59.7	94.5	97.3	98.3	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	59.7	94.5	97.3	98.3	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	59.7	94.7	97.5	98.5	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 900	59.7	94.7	97.5	98.5	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 800	59.7	94.7	97.6	98.6	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 700	59.7	94.9	97.8	98.8	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600	59.7	94.9	97.8	98.8	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 500	59.7	94.9	97.8	98.8	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	59.7	94.9	97.8	98.8	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	59.7	94.9	97.8	98.8	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	59.7	94.9	97.8	98.8	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	59.7	94.9	97.8	98.8	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	59.7	94.9	97.8	98.8	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

0393G  
STATION

LITTLE ROCK AFB AF  
STATION NAME

69-73  
YEARS

JUL  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥-	≥0
NO CEILING	44.3	72.5	74.9	76.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 20000	46.6	80.1	83.0	84.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 18000	46.6	80.1	83.0	84.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 16000	46.6	80.1	83.0	84.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 14000	46.7	80.2	83.1	84.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 12000	48.3	82.2	85.1	86.9	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 10000	49.8	85.1	88.7	89.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 9000	49.9	85.2	88.1	90.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 8000	50.9	86.3	89.4	91.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 7000	50.8	86.5	89.7	91.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 6000	51.2	87.1	90.1	92.3	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 5000	51.6	87.6	90.9	93.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 4500	52.3	88.6	91.8	94.0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4000	52.6	88.5	94.2	96.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3500	53.2	91.3	94.9	97.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3000	53.3	91.5	95.5	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2500	53.3	91.6	95.6	97.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	53.4	91.7	95.7	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	53.4	91.7	95.7	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	53.4	91.8	95.8	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	53.4	91.9	95.9	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	53.4	92.0	96.0	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	53.4	92.0	96.0	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	53.4	92.2	96.1	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	53.4	92.2	96.1	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
≥ 600	53.4	92.2	96.1	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
≥ 500	53.4	92.3	96.3	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 400	53.4	92.3	96.3	98.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 300	53.4	92.3	96.3	98.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 200	53.4	92.3	96.3	98.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 100	53.4	92.3	96.3	98.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
0	53.4	92.3	96.3	98.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03930 LITTLE ROCK AFB AR

69-7

JUL

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS 1-24

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	37.2	63.4	66.0	68.2	69.5	69.9	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.4
≥ 20000	41.3	71.4	75.0	76.5	77.9	76.3	78.6	78.7	78.7	78.8	78.8	78.8	78.9	78.9	78.9	78.9
≥ 18000	41.4	71.4	75.0	76.5	78.0	78.3	78.6	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	79.0
≥ 16000	41.4	71.4	75.0	76.6	78.0	78.3	78.6	78.8	78.8	78.8	78.9	78.9	78.9	79.0	79.0	79.0
≥ 14000	41.5	71.7	75.3	76.9	78.3	78.7	78.9	79.1	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.3
≥ 12000	43.2	73.9	77.6	79.2	80.6	81.0	81.2	81.4	81.4	81.4	81.5	81.5	81.5	81.6	81.6	81.6
≥ 10000	45.3	77.9	81.7	83.4	84.9	85.3	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.9	85.9	86.0
≥ 9000	45.5	78.2	82.0	83.8	85.2	85.6	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.3
≥ 8000	46.4	79.9	83.8	85.5	87.1	87.4	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.2
≥ 7000	46.7	80.4	84.3	86.1	87.7	88.1	88.4	88.6	88.6	88.6	88.6	88.7	88.7	88.8	88.8	88.8
≥ 6000	47.2	81.1	85.1	86.9	88.5	88.8	89.2	89.3	89.4	89.4	89.5	89.5	89.5	89.6	89.6	89.6
≥ 5000	47.6	82.0	85.9	87.8	89.4	89.7	90.1	90.2	90.3	90.3	90.4	90.4	90.4	90.5	90.5	90.5
≥ 4500	48.3	82.8	86.9	88.6	90.2	90.6	90.9	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.4
≥ 4000	48.9	85.1	89.2	91.1	92.7	93.1	93.5	93.7	93.7	93.8	93.8	93.8	93.9	93.9	93.9	94.0
≥ 3500	49.2	85.8	89.6	91.9	93.5	93.9	94.3	94.5	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.8
≥ 3000	49.6	86.8	91.1	93.0	94.7	95.1	95.4	95.6	95.7	95.7	95.8	95.8	95.9	95.9	95.9	95.9
≥ 2500	49.9	87.3	91.7	93.6	95.3	95.6	96.0	96.2	96.3	96.3	96.4	96.4	96.5	96.5	96.5	96.5
≥ 2000	50.0	87.7	92.0	94.0	95.7	96.1	96.5	96.7	96.7	96.8	96.9	96.9	96.9	97.0	97.0	97.0
≥ 1900	50.1	87.8	92.2	94.1	95.8	96.2	96.6	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1
≥ 1800	50.2	88.3	92.7	94.7	96.4	96.8	97.2	97.4	97.5	97.5	97.6	97.6	97.7	97.7	97.7	97.7
≥ 1700	50.3	88.7	93.1	95.0	96.8	97.2	97.6	97.8	97.8	97.9	98.0	98.0	98.1	98.1	98.1	98.1
≥ 1600	50.5	89.1	93.5	95.4	97.2	97.6	98.0	98.3	98.3	98.4	98.4	98.4	98.5	98.6	98.6	98.6
≥ 1500	50.5	89.2	93.6	95.6	97.4	97.8	98.2	98.5	98.5	98.6	98.6	98.6	98.7	98.8	98.8	98.8
≥ 1400	50.6	89.4	94.0	96.0	97.6	98.2	98.6	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.2
≥ 1300	50.7	89.7	94.2	96.3	98.2	98.6	99.0	99.2	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.6
≥ 1200	50.8	89.7	94.3	96.3	98.2	98.6	99.0	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 1100	50.8	89.8	94.3	96.4	98.3	98.7	99.1	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8
≥ 1000	50.8	89.8	94.3	96.4	98.3	98.8	99.2	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9
≥ 900	50.8	89.9	94.3	96.4	98.3	98.8	99.2	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9
≥ 800	50.8	89.8	94.3	96.4	98.3	98.8	99.2	99.5	99.6	99.6	99.7	99.7	99.9	99.9	99.9	100.0
≥ 700	50.8	89.8	94.3	96.4	98.3	98.8	99.2	99.5	99.6	99.6	99.7	99.7	99.9	99.9	100.0	100.0
≥ 600	50.8	89.8	94.3	96.4	98.3	98.8	99.2	99.5	99.6	99.6	99.7	99.7	99.9	99.9	100.0	100.0
≥ 500	50.8	89.8	94.3	96.4	98.3	98.8	99.2	99.5	99.6	99.6	99.7	99.7	99.9	99.9	100.0	100.0
≥ 400	50.8	89.8	94.3	96.4	98.3	98.8	99.2	99.5	99.6	99.6	99.7	99.7	99.9	99.9	100.0	100.0
≥ 300	50.8	89.8	94.3	96.4	98.3	98.8	99.2	99.5	99.6	99.6	99.7	99.7	99.9	99.9	100.0	100.0
≥ 200	50.8	89.8	94.3	96.4	98.3	98.8	99.2	99.5	99.6	99.6	99.7	99.7	99.9	99.9	100.0	100.0
≥ 100	50.8	89.8	94.3	96.4	98.3	98.8	99.2	99.5	99.6	99.6	99.7	99.7	99.9	99.9	100.0	100.0
≥ 0	50.8	89.8	94.3	96.4	98.3	98.8	99.2	99.5	99.6	99.6	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03930  
STATION

LITTLE ROCK AFB AR  
STATION NAME

69-78  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	31.1	66.5	72.9	77.0	79.6	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0
≥ 20000	31.7	71.1	78.4	82.9	85.5	85.6	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0
≥ 18000	31.7	71.1	72.4	82.9	85.5	85.6	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0
≥ 16000	31.8	71.2	78.5	83.0	85.6	85.7	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.1
≥ 14000	32.4	71.7	79.7	83.5	86.1	86.2	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.7
≥ 12000	32.9	73.2	80.5	85.1	87.6	87.7	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.2
≥ 10000	33.3	74.4	81.7	86.2	88.8	88.9	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.4
≥ 9000	34.1	75.2	82.6	87.1	89.7	89.8	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.2
≥ 8000	34.7	76.2	83.9	88.4	91.0	91.1	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.5
≥ 7000	35.3	77.0	84.6	89.1	91.7	91.8	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.3
≥ 6000	35.9	77.6	85.3	89.8	92.5	92.6	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	93.0
≥ 5000	36.2	78.9	86.6	91.1	93.8	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.3
≥ 4500	36.1	79.5	87.2	91.7	94.4	94.5	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.9
≥ 4000	36.2	80.4	88.5	93.0	95.7	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2
≥ 3500	36.2	80.6	88.8	93.3	96.0	96.1	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.6
≥ 3000	36.3	80.9	89.0	93.5	96.2	96.3	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.8
≥ 2500	36.3	81.0	89.1	93.7	96.3	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.9
≥ 2000	36.3	81.4	89.6	94.1	96.8	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.3
≥ 1800	36.3	81.5	89.7	94.2	96.9	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4
≥ 1500	36.5	81.8	90.0	94.5	97.2	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.7
≥ 1200	36.6	81.8	90.0	94.5	97.3	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.8
≥ 1000	36.6	81.8	90.0	94.5	97.4	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	98.0
≥ 900	36.6	81.8	90.1	94.6	97.6	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 800	36.6	81.8	90.1	94.6	97.7	97.8	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3
≥ 700	36.6	82.3	90.6	95.2	98.5	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ 600	36.7	82.4	90.9	95.4	98.7	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 500	36.7	82.4	90.9	95.4	98.7	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 400	36.7	82.5	91.0	95.5	98.8	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 300	36.7	82.5	91.0	95.6	98.9	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 200	36.7	82.5	91.0	95.6	98.9	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 100	36.7	82.5	91.0	95.6	98.9	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 0	36.7	82.5	91.0	95.6	98.9	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

03930 LITTLE ROCK AFB AR

69-78

AUG

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/20	≥ 0
NO CEILING	22.2	51.6	59.5	64.7	71.7	73.1	75.3	76.1	76.2	76.3	76.5	76.5	76.5	76.5	76.6	76.7
≥ 20000	23.2	54.9	62.4	69.2	76.3	78.0	80.2	81.1	81.2	81.3	81.4	81.4	81.5	81.5	81.6	81.7
≥ 18000	23.2	54.9	62.4	69.2	76.3	78.0	80.2	81.1	81.2	81.3	81.4	81.4	81.5	81.5	81.6	81.7
≥ 16000	23.2	54.9	62.4	69.2	76.3	78.0	80.2	81.1	81.2	81.3	81.4	81.4	81.5	81.5	81.6	81.7
≥ 14000	23.5	55.4	62.8	69.7	76.9	78.5	80.8	81.6	81.7	81.8	81.9	81.9	82.0	82.0	82.2	82.3
≥ 12000	24.1	57.1	64.6	71.6	78.8	80.4	82.7	83.5	83.7	83.8	83.9	83.9	84.0	84.0	84.1	84.2
≥ 10000	24.7	60.4	68.3	75.3	82.6	84.3	86.6	87.4	87.5	87.6	87.7	87.7	87.8	87.8	88.0	88.1
≥ 9000	24.9	61.0	68.6	75.8	83.2	84.9	87.2	88.1	88.2	88.3	88.4	88.4	88.5	88.5	88.6	88.7
≥ 8000	25.9	62.4	70.3	77.3	84.7	86.5	88.7	89.6	89.7	89.8	89.9	89.9	90.0	90.0	90.1	90.2
≥ 7000	26.2	62.7	70.6	77.6	85.2	86.9	89.2	90.1	90.2	90.3	90.4	90.4	90.5	90.5	90.6	90.8
≥ 6000	26.3	62.9	70.9	77.8	85.4	87.1	89.5	90.3	90.4	90.5	90.6	90.6	90.8	90.8	90.9	91.0
≥ 5000	26.6	63.8	71.9	78.9	86.5	88.2	90.5	91.4	91.5	91.7	91.8	91.8	91.9	91.9	92.0	92.2
≥ 4500	26.6	64.1	72.3	79.2	86.8	88.5	90.9	91.7	91.8	92.0	92.2	92.2	92.3	92.3	92.4	92.5
≥ 4000	26.7	64.8	73.0	80.1	87.6	89.4	91.7	92.7	92.8	93.0	93.1	93.1	93.2	93.2	93.3	93.4
≥ 3500	26.8	64.9	73.2	80.3	87.8	89.6	91.9	92.9	93.0	93.2	93.3	93.3	93.4	93.4	93.5	93.7
≥ 3000	26.8	64.9	73.2	80.3	88.0	89.7	92.0	93.0	93.1	93.3	93.4	93.4	93.5	93.5	93.7	93.8
≥ 2500	26.8	65.1	73.4	80.5	88.2	89.9	92.3	93.3	93.4	93.7	93.8	93.8	93.9	93.9	94.0	94.1
≥ 2000	26.9	65.5	73.9	81.0	88.6	90.4	92.8	93.9	94.0	94.2	94.3	94.3	94.4	94.4	94.5	94.6
≥ 1800	26.9	65.6	74.0	81.1	88.7	90.5	92.9	94.0	94.1	94.3	94.4	94.4	94.5	94.5	94.6	94.7
≥ 1500	26.9	65.7	74.2	81.3	89.0	90.9	93.4	94.5	94.6	94.8	94.9	94.9	95.1	95.1	95.2	95.3
≥ 1200	26.9	65.7	74.2	81.3	89.0	90.9	93.4	94.5	94.6	94.8	94.9	94.9	95.1	95.1	95.2	95.3
≥ 1000	26.9	65.9	74.4	81.5	89.2	91.1	93.7	94.7	94.8	95.1	95.2	95.2	95.3	95.3	95.4	95.5
≥ 900	26.9	66.2	74.7	81.8	89.6	91.4	94.0	95.1	95.2	95.4	95.5	95.5	95.6	95.6	95.7	95.8
≥ 800	27.0	66.5	74.9	82.0	89.8	91.6	94.2	95.3	95.4	95.6	95.7	95.7	95.8	95.8	95.9	96.0
≥ 700	27.0	66.8	75.5	82.6	90.3	92.2	94.7	95.8	95.9	96.1	96.2	96.2	96.3	96.3	96.5	96.6
≥ 600	27.1	67.0	75.9	83.2	91.2	93.2	95.8	96.9	97.0	97.2	97.3	97.3	97.4	97.4	97.5	97.6
≥ 500	27.2	67.6	76.6	84.0	91.9	94.1	96.7	97.7	97.8	98.1	98.2	98.2	98.3	98.3	98.4	98.5
≥ 400	27.2	68.0	77.0	84.4	92.4	94.5	97.1	98.3	98.4	98.6	98.7	98.7	98.8	98.8	98.9	99.0
≥ 300	27.2	68.0	77.1	84.7	92.7	94.8	97.5	98.7	98.8	99.0	99.1	99.1	99.4	99.4	99.5	99.6
≥ 200	27.2	68.0	77.1	84.7	92.7	94.8	97.5	98.7	98.8	99.0	99.1	99.1	99.4	99.4	99.6	99.7
≥ 100	27.2	68.0	77.1	84.7	92.7	94.8	97.5	98.7	98.8	99.0	99.1	99.1	99.4	99.4	99.6	99.7
≥ 0	27.2	68.0	77.1	84.7	92.7	94.8	97.5	98.7	98.8	99.0	99.1	99.1	99.4	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03930 LITTLE ROCK AFB AF

69-78

AUG

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS

CEILING -FEET-	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	16.2	38.2	42.5	46.9	51.5	54.3	58.6	61.9	62.7	63.4	63.8	63.8	63.9	63.9	64.1	64.1
≥ 20000	17.5	42.0	46.3	51.4	55.3	59.2	64.1	67.6	68.5	69.4	69.7	69.7	69.8	69.8	70.1	70.1
≥ 18000	17.5	42.3	47.1	51.6	56.6	59.5	64.3	67.8	68.7	69.6	69.9	69.9	70.0	70.0	70.3	70.3
≥ 16000	17.5	42.4	47.1	51.7	56.7	59.6	64.4	68.0	68.8	69.7	70.0	70.0	70.1	70.1	70.4	70.4
≥ 14000	18.0	43.1	47.8	52.6	57.6	60.6	65.5	69.0	69.9	70.8	71.1	71.1	71.2	71.2	71.5	71.5
≥ 12000	19.0	45.9	51.1	56.0	61.1	64.1	69.1	72.8	73.7	74.5	74.8	74.8	74.9	74.9	75.4	75.4
≥ 10000	19.6	49.6	55.2	60.2	65.6	69.0	74.1	77.7	78.6	79.5	79.8	79.8	79.9	79.9	80.3	80.3
≥ 9000	19.8	49.9	55.5	60.5	65.9	69.4	74.4	78.1	78.9	79.8	80.1	80.1	80.2	80.2	80.6	80.6
≥ 8000	21.0	53.3	59.0	64.2	69.7	73.1	78.2	81.8	82.7	83.5	83.9	83.9	84.0	84.0	84.4	84.4
≥ 7000	21.6	54.5	60.2	65.6	71.1	74.5	79.6	83.2	84.1	84.9	85.3	85.3	85.4	85.4	85.8	85.8
≥ 6000	21.8	54.8	60.5	65.9	71.5	74.9	80.1	83.8	84.6	85.5	85.8	85.8	85.9	85.9	86.3	86.3
≥ 5000	22.4	55.7	61.4	66.8	72.5	75.9	81.1	84.7	85.6	86.5	86.8	86.8	86.9	86.9	87.3	87.3
≥ 4500	22.4	55.8	61.6	67.0	72.8	76.2	81.4	85.1	85.9	86.8	87.1	87.1	87.2	87.2	87.6	87.6
≥ 4000	23.0	57.4	63.4	68.8	74.6	78.1	83.2	86.9	87.7	88.6	88.9	88.9	89.0	89.0	89.5	89.5
≥ 3500	23.0	57.4	63.4	68.8	74.6	78.1	83.2	86.9	87.7	88.6	88.9	88.9	89.0	89.0	89.5	89.5
≥ 3000	23.1	57.7	63.8	69.6	75.4	78.8	84.0	87.7	88.6	89.5	89.8	89.8	89.9	89.9	90.3	90.3
≥ 2500	23.1	57.8	64.0	69.8	75.6	79.0	84.2	88.0	88.8	89.7	90.0	90.0	90.1	90.1	90.5	90.5
≥ 2000	23.3	58.4	64.6	70.4	76.5	79.9	85.2	89.0	89.9	90.8	91.1	91.1	91.2	91.2	91.6	91.6
≥ 1800	23.3	58.5	64.7	70.5	76.7	80.1	85.4	89.2	90.1	91.0	91.3	91.3	91.4	91.4	91.8	91.8
≥ 1500	23.4	58.8	65.1	70.9	77.0	80.4	85.7	89.7	90.5	91.4	91.7	91.7	91.8	91.8	92.3	92.3
≥ 1200	23.4	58.9	65.2	71.0	77.1	80.5	85.8	89.8	90.6	91.5	91.8	91.8	91.9	91.9	92.4	92.4
≥ 1000	23.4	59.6	65.9	71.9	78.1	81.5	86.8	90.8	91.6	92.5	92.8	92.8	92.9	92.9	93.3	93.3
≥ 900	23.4	60.5	66.7	72.8	79.1	82.6	87.8	91.8	92.7	93.5	93.9	93.9	94.0	94.0	94.4	94.4
≥ 800	23.4	60.5	67.0	73.1	79.6	83.0	88.3	92.3	93.1	94.0	94.3	94.3	94.4	94.4	94.8	94.8
≥ 700	23.4	60.8	67.3	73.4	80.3	83.8	89.0	93.0	93.9	94.7	95.1	95.1	95.2	95.2	95.6	95.6
≥ 600	23.4	61.4	68.1	74.3	81.2	84.6	90.0	94.0	94.8	95.7	96.0	96.0	96.1	96.1	96.6	96.6
≥ 500	23.4	61.8	68.7	75.3	82.5	86.1	91.5	95.5	96.3	97.2	97.5	97.5	97.6	97.6	98.1	98.1
≥ 400	23.4	62.2	69.1	75.7	83.0	86.8	92.2	96.1	97.2	98.1	98.4	98.4	98.5	98.5	99.0	99.0
≥ 300	23.4	62.3	69.4	75.9	83.2	87.1	92.5	96.5	97.6	98.6	99.1	99.1	99.2	99.2	99.8	99.8
≥ 200	23.4	62.3	69.4	75.9	83.2	87.1	92.5	96.5	97.6	98.6	99.1	99.1	99.4	99.4	99.9	99.9
≥ 100	23.4	62.3	69.4	75.9	83.2	87.1	92.5	96.5	97.6	98.6	99.1	99.1	99.4	99.4	99.9	100.0
≥ 0	23.4	62.3	69.4	75.9	83.2	87.1	92.5	96.5	97.6	98.6	99.1	99.1	99.4	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03930 LITTLE ROCK AFB AF

69-78

AUG

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
-0500-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .03	≥ .01
NO CEILING	25.5	53.5	57.3	59.1	61.5	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 20000	33.5	61.0	64.7	66.6	68.9	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 18000	33.5	61.0	64.7	66.6	68.9	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 16000	33.5	61.2	64.9	66.8	69.1	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 14000	34.2	61.9	65.7	67.5	69.9	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 12000	36.1	65.6	69.5	71.4	73.9	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 10000	37.5	69.0	73.4	75.4	77.8	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 9000	37.5	69.4	73.9	75.6	78.3	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 8000	38.7	71.6	76.1	78.1	80.5	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 7000	39.3	72.3	76.9	78.7	81.3	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 6000	39.3	73.2	77.7	79.6	82.4	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 5000	39.9	74.0	78.5	80.5	83.1	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4500	40.0	74.2	78.7	80.8	83.3	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4000	40.5	75.6	80.4	82.5	85.2	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3500	40.8	75.8	80.6	82.7	85.5	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3000	41.6	77.5	82.4	84.4	87.2	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500	42.3	78.6	83.4	85.6	88.4	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2000	42.6	80.2	85.1	87.3	90.2	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1800	42.8	81.0	85.8	88.1	91.0	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1500	43.3	82.9	87.7	90.0	92.9	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200	43.7	84.3	88.9	91.2	94.1	95.2	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000	43.9	84.7	89.0	92.3	95.2	96.2	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 900	43.9	84.8	89.3	92.6	95.5	96.6	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	43.9	85.5	91.1	93.3	96.5	97.5	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	43.9	85.5	91.1	93.3	96.5	97.5	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	44.0	85.8	91.4	93.7	96.8	97.8	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	44.0	86.3	92.4	94.7	97.8	98.0	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	44.0	86.3	92.4	94.7	97.8	98.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	44.0	86.3	92.4	94.7	97.8	98.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	44.0	86.3	92.4	94.7	97.8	98.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	44.0	86.3	92.4	94.7	97.8	98.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	44.0	86.3	92.4	94.7	97.8	98.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 936

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3930 LITTLE ROCK AFB AP

69-78

AUG

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	34.9	59.7	61.5	61.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 20000	40.8	69.9	71.6	72.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 18000	40.8	69.9	71.6	72.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 16000	40.9	70.0	71.7	72.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 14000	42.7	71.5	73.2	73.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 12000	43.6	74.4	76.2	76.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 10000	46.3	79.9	81.8	82.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000	46.3	80.6	82.6	83.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 8000	47.6	82.7	84.6	85.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 7000	47.6	82.8	84.7	85.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 6000	48.0	83.4	85.4	85.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 5000	48.7	84.9	86.9	87.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4500	49.4	85.9	87.8	88.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 4000	50.8	88.2	90.3	90.9	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3500	51.1	88.6	90.9	91.4	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3000	51.9	89.9	92.1	92.7	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2500	53.1	91.9	94.3	94.8	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2000	53.7	92.6	94.9	95.5	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1800	53.8	92.9	95.3	95.8	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	54.3	93.6	96.0	96.6	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	54.6	94.2	96.6	97.1	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	54.6	94.3	96.8	97.3	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	54.6	94.3	96.8	97.3	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	54.6	94.3	96.8	97.3	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	54.6	94.3	96.8	97.3	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	54.6	94.3	96.8	97.3	99.2	99.2	99.2	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	54.6	94.3	97.0	97.5	99.5	99.5	99.5	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0
≥ 400	54.6	94.3	97.0	97.5	99.5	99.5	99.5	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0
≥ 300	54.6	94.3	97.0	97.5	99.5	99.5	99.5	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0
≥ 200	54.6	94.3	97.0	97.5	99.5	99.5	99.5	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0
≥ 100	54.6	94.3	97.0	97.5	99.5	99.5	99.5	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0
≥ 0	54.6	94.3	97.0	97.5	99.5	99.5	99.5	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

02930  
STATION

LITTLE ROCK AFB AR  
STATION NAME

69-78  
YEARS

AUG  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	57.2	60.5	63.1	63.5	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 20000	46.5	75.2	77.8	78.4	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 18000	46.6	75.3	78.1	78.5	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 16000	46.7	75.4	78.1	78.6	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 14000	46.9	76.1	78.8	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 12000	47.5	77.5	80.2	80.8	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 10000	49.7	82.2	84.8	85.4	86.0	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 9000	50.1	82.6	85.3	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 8000	52.0	85.5	88.2	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 7000	53.2	86.7	89.4	89.9	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 6000	53.7	87.1	89.8	90.3	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 5000	53.7	87.3	90.1	90.6	91.3	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 4500	54.0	88.2	91.1	91.6	92.3	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4000	55.1	90.8	93.7	94.2	94.8	94.9	94.9	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3500	55.7	91.6	94.5	95.1	95.7	95.8	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3000	56.1	92.2	95.2	95.8	96.6	96.7	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500	56.6	92.7	95.8	96.5	97.2	97.3	97.5	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	56.6	92.9	96.0	96.7	97.5	97.6	97.8	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	56.8	93.1	96.2	96.9	97.7	97.8	98.1	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	56.9	93.3	96.5	97.1	98.0	98.1	98.3	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	57.0	93.5	96.7	97.3	98.2	98.3	98.5	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	57.2	93.9	97.0	97.6	98.5	98.6	98.8	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	57.2	93.9	97.0	97.6	98.5	98.6	98.8	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	57.2	93.9	97.0	97.6	98.5	98.6	98.8	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	57.2	94.0	97.1	97.7	98.6	98.7	98.9	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	57.3	94.1	97.2	97.8	98.7	98.8	99.0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	57.3	94.1	97.2	97.8	98.7	98.8	99.0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	57.3	94.1	97.2	97.8	98.7	98.8	99.0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	57.3	94.1	97.2	97.8	98.7	98.8	99.0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	57.3	94.1	97.2	97.8	98.7	98.8	99.0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	57.3	94.1	97.2	97.8	98.7	98.8	99.0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	57.3	94.1	97.2	97.8	98.7	98.8	99.0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

03930  
STATION

LITTLE ROCK A B AR  
STATION NAME

69-78  
YEARS

AUG  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-2000  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.9	63.4	65.9	66.8	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 20000	43.2	74.8	77.5	78.4	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 18000	43.2	74.8	77.5	78.4	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 16000	43.4	75.1	77.7	78.6	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 14000	43.7	75.6	78.3	79.1	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 12000	44.9	78.2	80.9	81.7	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 10000	47.7	82.3	85.2	86.0	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 9000	47.7	82.4	85.3	86.1	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 8000	49.6	85.4	88.5	89.4	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 7000	50.8	86.8	89.9	90.8	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 6000	51.2	87.8	91.0	91.8	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 5000	51.4	88.9	92.0	92.9	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4500	51.4	89.4	92.6	93.4	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 4000	51.8	91.0	94.4	95.4	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3500	51.9	91.2	94.6	95.6	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3000	52.0	91.4	94.8	95.8	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500	52.0	91.4	94.9	95.9	97.6	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	52.0	91.5	95.2	96.1	97.8	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	52.0	91.5	95.2	96.1	97.8	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	52.2	91.6	95.3	96.2	98.0	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	52.3	91.7	95.5	96.5	98.2	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	52.5	92.0	95.8	96.8	98.5	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	52.5	92.3	96.1	97.1	98.8	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	52.5	92.3	96.1	97.1	98.8	99.0	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	52.5	92.4	96.2	97.2	99.0	99.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	52.5	92.4	96.2	97.2	99.0	99.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 500	52.5	92.4	96.2	97.2	99.0	99.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 400	52.5	92.4	96.2	97.2	99.0	99.2	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	52.5	92.4	96.2	97.2	99.0	99.2	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	52.5	92.4	96.2	97.2	99.0	99.2	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	52.5	92.4	96.2	97.2	99.0	99.2	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	52.5	92.4	96.2	97.2	99.0	99.2	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

03030 LITTLE ROCK AFB AR

69-78

AUG  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥3/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	35.5	68.9	73.9	75.3	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 20000	37.4	75.5	81.2	82.8	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 18000	37.4	75.5	81.2	82.8	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 16000	37.7	75.8	81.5	83.1	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 14000	38.0	76.1	81.8	83.4	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 12000	38.6	78.3	84.0	85.6	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 10000	40.3	81.9	87.7	89.4	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 9000	40.6	82.4	88.2	89.8	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 8000	41.3	84.1	90.0	91.6	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 7000	41.9	84.9	90.9	92.5	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 6000	42.7	86.1	92.0	93.8	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 5000	42.7	86.3	92.7	94.4	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4500	43.0	87.2	93.1	94.8	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4000	43.7	88.7	94.2	96.6	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 3500	43.8	88.9	95.1	96.8	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3000	43.8	88.9	95.1	96.8	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2500	43.9	89.0	95.2	96.9	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2000	44.0	89.5	95.7	97.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	44.0	89.5	95.7	97.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	44.1	89.3	95.8	97.5	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	44.1	89.6	95.8	97.6	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	44.1	89.7	96.0	97.8	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	44.1	89.7	96.0	97.8	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	44.1	89.7	96.0	97.8	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	44.1	89.7	96.1	98.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	44.1	89.7	96.1	98.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	44.1	89.7	96.1	98.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	44.1	89.7	96.1	98.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	44.1	89.7	96.1	98.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	44.1	89.7	96.1	98.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	44.1	89.7	96.1	98.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	44.1	89.7	96.1	98.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AIR FATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03950  
STATION

LITTLE ROCK AFB AR  
STATION NAME

69-78  
YEARS

AUG  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (151)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	50.5	57.8	61.9	64.4	67.1	67.7	68.6	69.1	69.2	69.4	69.4	69.4	69.4	69.4	69.5	69.5
≥ 20000	34.2	65.5	70.0	72.7	75.4	76.2	77.1	77.7	77.8	77.9	78.0	78.0	78.0	78.0	78.1	78.1
≥ 18000	34.3	65.6	70.1	72.8	75.5	76.2	77.2	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.1	78.1
≥ 16000	34.4	65.7	70.2	72.9	75.6	76.4	77.3	77.9	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.3
≥ 14000	34.5	65.8	70.3	73.0	75.7	76.5	77.4	78.0	78.1	78.2	78.3	78.3	78.3	78.3	78.4	78.4
≥ 12000	34.6	65.9	70.4	73.1	75.8	76.6	77.5	78.1	78.2	78.3	78.4	78.4	78.4	78.4	78.5	78.5
≥ 10000	34.7	66.0	70.5	73.2	75.9	76.7	77.6	78.2	78.3	78.4	78.5	78.5	78.5	78.5	78.6	78.6
≥ 9000	34.8	66.1	70.6	73.3	76.0	76.8	77.7	78.3	78.4	78.5	78.6	78.6	78.6	78.6	78.7	78.7
≥ 8000	34.9	66.2	70.7	73.4	76.1	76.9	77.8	78.4	78.5	78.6	78.7	78.7	78.7	78.7	78.8	78.8
≥ 7000	35.0	66.3	70.8	73.5	76.2	77.0	77.9	78.5	78.6	78.7	78.8	78.8	78.8	78.8	78.9	78.9
≥ 6000	35.1	66.4	70.9	73.6	76.3	77.1	78.0	78.6	78.7	78.8	78.9	78.9	78.9	78.9	79.0	79.0
≥ 5000	35.2	66.5	71.0	73.7	76.4	77.2	78.1	78.7	78.8	78.9	79.0	79.0	79.0	79.0	79.1	79.1
≥ 4500	35.3	66.6	71.1	73.8	76.5	77.3	78.2	78.8	78.9	79.0	79.1	79.1	79.1	79.1	79.2	79.2
≥ 4000	35.4	66.7	71.2	73.9	76.6	77.4	78.3	78.9	79.0	79.1	79.2	79.2	79.2	79.2	79.3	79.3
≥ 3500	35.5	66.8	71.3	74.0	76.7	77.5	78.4	79.0	79.1	79.2	79.3	79.3	79.3	79.3	79.4	79.4
≥ 3000	35.6	66.9	71.4	74.1	76.8	77.6	78.5	79.1	79.2	79.3	79.4	79.4	79.4	79.4	79.5	79.5
≥ 2500	35.7	67.0	71.5	74.2	76.9	77.7	78.6	79.2	79.3	79.4	79.5	79.5	79.5	79.5	79.6	79.6
≥ 2000	35.8	67.1	71.6	74.3	77.0	77.8	78.7	79.3	79.4	79.5	79.6	79.6	79.6	79.6	79.7	79.7
≥ 1800	35.9	67.2	71.7	74.4	77.1	77.9	78.8	79.4	79.5	79.6	79.7	79.7	79.7	79.7	79.8	79.8
≥ 1500	36.0	67.3	71.8	74.5	77.2	78.0	78.9	79.5	79.6	79.7	79.8	79.8	79.8	79.8	79.9	79.9
≥ 1200	36.1	67.4	71.9	74.6	77.3	78.1	79.0	79.6	79.7	79.8	79.9	79.9	79.9	79.9	80.0	80.0
≥ 1000	36.2	67.5	72.0	74.7	77.4	78.2	79.1	79.7	79.8	79.9	80.0	80.0	80.0	80.0	80.1	80.1
≥ 900	36.3	67.6	72.1	74.8	77.5	78.3	79.2	79.8	79.9	80.0	80.1	80.1	80.1	80.1	80.2	80.2
≥ 800	36.4	67.7	72.2	74.9	77.6	78.4	79.3	79.9	80.0	80.1	80.2	80.2	80.2	80.2	80.3	80.3
≥ 700	36.5	67.8	72.3	75.0	77.7	78.5	79.4	80.0	80.1	80.2	80.3	80.3	80.3	80.3	80.4	80.4
≥ 600	36.6	67.9	72.4	75.1	77.8	78.6	79.5	80.1	80.2	80.3	80.4	80.4	80.4	80.4	80.5	80.5
≥ 500	36.7	68.0	72.5	75.2	77.9	78.7	79.6	80.2	80.3	80.4	80.5	80.5	80.5	80.5	80.6	80.6
≥ 400	36.8	68.1	72.6	75.3	78.0	78.8	79.7	80.3	80.4	80.5	80.6	80.6	80.6	80.6	80.7	80.7
≥ 300	36.9	68.2	72.7	75.4	78.1	78.9	79.8	80.4	80.5	80.6	80.7	80.7	80.7	80.7	80.8	80.8
≥ 200	37.0	68.3	72.8	75.5	78.2	79.0	79.9	80.5	80.6	80.7	80.8	80.8	80.8	80.8	80.9	80.9
≥ 100	37.1	68.4	72.9	75.6	78.3	79.1	80.0	80.6	80.7	80.8	80.9	80.9	80.9	80.9	81.0	81.0
≥ 0	37.2	68.5	73.0	75.7	78.4	79.2	80.1	80.7	80.8	80.9	81.0	81.0	81.0	81.0	81.1	81.1

TOTAL NUMBER OF OBSERVATIONS

7439

DATA PROCESSING BRANCH  
USAF ETAC  
AIP WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 00920 LITTLE ROCK AFB AF  
STATION NAME

69-78

YEARS

SEP  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥.4	≥0
NO CEILING	51.5	53.8	59.6	62.8	64.8	65.4	66.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 20000	33.6	56.7	63.3	66.9	68.9	69.4	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 18000	33.6	56.8	63.4	67.0	69.0	69.5	70.5	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 16000	33.6	56.8	63.4	67.0	69.0	69.5	70.5	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 14000	33.8	57.2	63.7	67.3	69.3	69.9	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 12000	33.8	57.8	64.5	68.1	70.1	70.6	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 10000	35.4	64.0	71.0	75.1	77.2	77.8	78.7	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 9000	36.9	64.7	72.0	76.2	78.3	78.9	80.0	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 8000	37.5	65.7	73.0	77.3	79.4	80.2	81.5	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 7000	37.8	66.5	73.7	78.2	80.4	81.2	82.6	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 6000	38.4	67.7	75.2	79.9	82.3	83.1	84.5	85.0	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 5000	38.9	69.3	77.2	82.0	84.5	85.3	86.8	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4
≥ 4500	39.8	71.0	79.7	83.9	86.4	87.2	88.7	89.1	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4000	39.8	71.6	80.0	85.0	87.5	88.3	89.8	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3500	39.8	72.1	80.5	85.5	88.1	88.7	90.3	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3000	40.0	73.3	81.8	86.9	89.4	90.2	91.7	92.1	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2500	40.3	73.7	82.2	87.3	89.9	90.7	92.1	92.5	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	40.6	74.6	83.3	88.4	91.0	91.8	93.2	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1800	41.0	75.2	83.9	89.0	91.5	92.3	93.8	94.2	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1600	41.0	75.6	84.4	89.5	92.1	92.9	94.3	94.8	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1400	41.3	76.0	84.8	89.9	92.4	93.2	94.8	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200	41.3	76.1	84.9	90.0	92.5	93.3	94.9	95.3	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000	41.3	76.1	84.9	90.1	92.8	93.5	95.1	95.6	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	41.3	76.3	85.1	90.3	93.0	93.8	95.4	96.1	96.3	96.4	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	41.3	76.5	85.3	90.5	93.2	94.0	95.8	96.7	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	41.3	76.6	85.4	90.7	93.7	94.4	96.2	97.1	97.3	97.4	97.7	97.7	97.7	97.7	97.8	97.8
≥ 600	41.3	77.0	85.8	91.1	94.1	94.9	96.7	97.6	97.8	97.9	98.1	98.1	98.1	98.1	98.2	98.2
≥ 500	41.3	77.0	85.8	91.1	94.1	94.9	96.7	97.6	97.8	98.0	98.2	98.2	98.2	98.2	98.3	98.3
≥ 400	41.3	77.0	85.8	91.2	94.4	95.3	97.3	98.2	98.4	98.7	99.0	99.0	99.1	99.1	99.2	99.2
≥ 300	41.3	77.0	85.8	91.3	94.5	95.4	97.4	98.4	98.7	98.9	99.2	99.2	99.3	99.3	99.4	99.4
≥ 200	41.3	77.0	85.8	91.3	94.5	95.4	97.4	98.6	98.8	99.1	99.4	99.4	99.6	99.6	99.7	99.7
≥ 100	41.3	77.0	85.8	91.3	94.5	95.4	97.4	98.6	98.8	99.1	99.4	99.4	99.7	99.7	99.8	99.8
≥ 0	41.3	77.0	85.8	91.3	94.5	95.4	97.4	98.6	98.8	99.1	99.4	99.4	99.7	99.7	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 899

DATA PROCESSING BRANCH  
USAF ETAC  
AFB WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

03030  
STATION

LITTLE ROCK AFB A-  
STATION NAME

69-76  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS

CEILING -FEET-	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	20.3	41.3	48.1	51.0	54.6	56.8	58.7	59.8	60.1	60.4	60.8	60.8	60.8	61.0	61.0	61.1	61.1
≥ 20000	20.7	43.0	50.4	53.6	57.4	59.8	61.9	62.9	63.2	63.7	64.0	64.0	64.0	64.2	64.2	64.3	64.3
≥ 18000	20.7	43.1	50.6	53.7	57.6	59.7	62.0	63.0	63.3	63.8	64.1	64.1	64.1	64.3	64.3	64.4	64.4
≥ 16000	20.7	43.1	50.6	53.7	57.6	59.9	62.0	63.0	63.3	63.8	64.1	64.1	64.1	64.3	64.3	64.4	64.4
≥ 14000	21.0	43.7	51.1	54.2	58.1	60.4	62.6	63.6	63.9	64.3	64.7	64.7	64.7	64.9	64.9	65.0	65.0
≥ 12000	21.2	44.4	52.2	55.6	59.4	61.8	63.9	64.9	65.2	65.7	66.0	66.0	66.0	66.2	66.2	66.3	66.3
≥ 10000	23.7	50.8	57.3	63.2	67.2	69.6	71.8	72.9	73.3	73.8	74.1	74.1	74.1	74.3	74.3	74.4	74.4
≥ 9000	23.7	51.1	59.7	63.6	67.6	69.9	72.1	73.2	73.7	74.1	74.4	74.4	74.4	74.7	74.7	74.8	74.8
≥ 8000	24.3	52.7	61.7	65.7	70.1	72.4	74.8	75.9	76.3	76.8	77.2	77.2	77.2	77.4	77.4	77.7	77.7
≥ 7000	24.4	53.4	62.4	66.4	71.2	73.6	75.9	77.0	77.4	77.9	78.3	78.3	78.3	78.6	78.6	78.8	78.8
≥ 6000	25.3	54.7	63.0	67.9	72.7	75.2	77.7	78.8	79.2	79.7	80.1	80.1	80.1	80.3	80.3	80.6	80.6
≥ 5000	25.4	55.1	64.3	68.8	73.8	76.3	78.8	79.9	80.3	80.8	81.2	81.2	81.2	81.4	81.4	81.8	81.8
≥ 4500	26.3	56.1	65.7	70.2	75.2	77.8	80.2	81.3	81.8	82.2	82.7	82.7	82.7	82.9	82.9	83.2	83.2
≥ 4000	26.3	56.6	66.2	71.1	76.2	78.8	81.2	82.3	82.8	83.2	83.7	83.7	83.7	83.9	83.9	84.2	84.2
≥ 3500	26.6	57.3	67.2	72.2	77.3	79.9	82.3	83.4	83.9	84.3	84.8	84.8	84.8	85.0	85.0	85.3	85.3
≥ 3000	26.9	58.0	67.9	73.0	78.2	80.8	83.2	84.3	84.8	85.2	85.7	85.7	85.7	85.9	85.9	86.2	86.2
≥ 2500	27.3	59.2	69.2	74.4	79.7	82.2	84.7	85.8	86.3	86.9	87.3	87.3	87.3	87.6	87.6	87.9	87.9
≥ 2000	27.7	60.1	70.1	75.3	80.7	83.2	85.7	86.8	87.3	87.9	88.3	88.3	88.3	88.6	88.6	88.9	88.9
≥ 1800	27.9	60.9	70.9	76.1	81.4	84.0	86.4	87.6	88.1	88.7	89.1	89.1	89.1	89.3	89.3	89.7	89.7
≥ 1500	28.1	61.6	71.6	76.9	82.4	85.0	87.4	88.6	89.1	89.7	90.1	90.1	90.1	90.3	90.3	90.7	90.7
≥ 1200	28.1	62.6	72.6	78.2	83.8	86.3	88.8	89.9	90.4	91.0	91.4	91.4	91.4	91.7	91.7	92.0	92.0
≥ 1000	28.1	62.9	72.9	78.7	84.2	86.8	89.2	90.4	91.0	91.6	92.0	92.0	92.0	92.2	92.2	92.6	92.6
≥ 900	28.1	63.0	73.1	79.0	84.6	87.1	89.6	90.8	91.3	91.9	92.3	92.3	92.3	92.6	92.6	92.9	92.9
≥ 800	28.1	63.6	73.7	79.6	85.2	87.6	90.2	91.4	92.0	92.6	93.0	93.0	93.0	93.2	93.2	93.6	93.6
≥ 700	28.1	64.0	74.3	80.4	86.1	88.7	91.2	92.4	93.0	93.6	94.1	94.1	94.1	94.3	94.3	94.7	94.7
≥ 600	28.1	64.6	75.0	81.2	87.4	90.0	92.6	94.1	94.7	95.2	95.8	95.8	95.8	96.0	96.0	96.3	96.3
≥ 500	28.1	65.0	75.4	81.7	88.1	90.7	93.2	94.8	95.3	95.9	96.4	96.4	96.4	96.7	96.7	97.0	97.0
≥ 400	28.1	65.1	75.8	82.0	88.6	91.1	93.9	95.4	96.0	96.6	97.1	97.1	97.1	97.3	97.3	97.7	97.7
≥ 300	28.1	65.2	75.9	82.3	88.9	91.7	94.4	96.1	96.7	97.3	98.0	98.0	98.0	98.4	98.4	98.8	98.8
≥ 200	28.1	65.2	75.9	82.3	88.9	91.7	94.6	96.2	96.8	97.4	98.2	98.2	98.2	98.7	98.7	99.1	99.1
≥ 100	28.1	65.2	75.9	82.3	88.9	91.7	94.6	96.2	96.8	97.4	98.2	98.2	98.2	99.0	99.0	99.4	99.4
0	28.1	65.2	75.9	82.3	88.9	91.7	94.6	96.2	96.8	97.4	98.2	98.2	98.2	99.1	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03920 LITTLE ROCK AFB AR

69-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	15.2	30.2	34.1	36.5	39.8	41.6	43.9	46.0	47.3	47.9	48.2	48.2	48.7	48.8	49.3	49.3
≥ 20000	16.3	32.8	37.0	40.0	43.8	46.0	48.6	50.7	52.0	52.8	53.1	53.1	53.8	53.9	54.4	54.4
≥ 18000	16.3	32.8	37.0	40.0	43.8	46.1	48.7	50.8	52.1	53.0	53.3	53.3	54.0	54.1	54.7	54.7
≥ 16000	16.3	32.8	37.0	40.0	43.9	46.1	48.7	50.8	52.1	53.0	53.3	53.3	54.0	54.1	54.7	54.7
≥ 14000	16.3	33.2	37.4	40.4	44.3	46.6	49.1	51.2	52.6	53.4	53.8	53.8	54.4	54.6	55.1	55.1
≥ 12000	16.7	34.2	38.7	41.7	46.0	48.2	51.0	53.1	54.4	55.3	55.8	55.8	56.4	56.6	57.1	57.1
≥ 10000	18.3	39.0	44.2	47.8	52.7	55.0	57.9	60.0	61.3	62.2	62.7	62.7	63.4	63.6	64.1	64.1
≥ 9000	18.3	39.3	44.7	48.2	53.3	55.7	58.7	60.8	62.1	63.0	63.4	63.4	64.2	64.3	64.9	64.9
≥ 8000	19.4	41.2	47.1	51.0	56.4	59.0	62.4	64.7	66.0	66.9	67.3	67.3	68.1	68.2	68.8	68.8
≥ 7000	19.7	42.1	48.1	52.0	57.4	60.0	63.6	65.8	67.2	68.1	68.6	68.6	69.3	69.4	70.0	70.0
≥ 6000	20.2	42.7	48.7	52.6	58.1	60.7	64.3	66.6	68.0	68.9	69.3	69.3	70.1	70.2	70.8	70.8
≥ 5000	20.6	43.0	49.2	53.6	59.4	62.0	66.0	68.2	69.8	70.7	71.1	71.1	71.9	72.0	72.6	72.6
≥ 4500	20.9	43.7	50.2	54.6	60.6	63.1	67.1	69.3	71.0	71.9	72.3	72.3	73.1	73.2	73.8	73.8
≥ 4000	21.3	45.0	51.7	56.1	62.3	65.0	69.1	71.3	73.1	74.0	74.6	74.6	75.3	75.4	76.0	76.0
≥ 3500	21.7	45.4	52.1	56.6	62.8	65.4	69.6	71.8	73.6	74.4	75.0	75.0	75.8	75.9	76.4	76.4
≥ 3000	22.1	46.1	52.8	57.2	63.7	66.3	70.7	73.1	75.0	75.9	76.6	76.6	77.4	77.6	78.1	78.1
≥ 2500	22.7	46.8	53.7	58.2	65.0	67.7	72.0	74.4	76.3	77.2	78.0	78.0	78.9	79.0	79.6	79.6
≥ 2000	23.1	46.2	55.1	59.9	66.7	69.3	73.8	76.2	78.1	79.0	79.8	79.8	80.7	80.8	81.3	81.3
≥ 1800	23.1	46.4	55.3	60.1	66.9	69.6	74.0	76.4	78.3	79.2	80.0	80.0	80.9	81.0	81.6	81.6
≥ 1500	23.9	50.3	57.8	62.6	69.7	72.3	76.8	79.2	81.2	82.1	82.9	82.9	83.8	83.9	84.4	84.4
≥ 1200	24.2	51.9	59.7	64.6	71.7	74.6	79.1	81.7	83.7	84.6	85.3	85.3	86.2	86.3	86.9	86.9
≥ 1000	24.3	52.9	60.8	65.9	73.4	76.6	81.1	83.8	85.8	86.7	87.4	87.4	88.3	88.4	89.0	89.0
≥ 900	24.4	53.3	61.5	66.6	74.1	77.3	81.9	84.6	86.6	87.4	88.2	88.2	89.1	89.2	89.8	89.8
≥ 800	24.4	53.4	61.6	67.1	74.9	78.3	83.0	85.9	87.9	88.8	89.6	89.6	90.4	90.6	91.1	91.1
≥ 700	24.5	54.1	62.4	68.2	76.2	79.7	84.3	87.2	89.2	90.1	91.0	91.0	91.9	92.0	92.6	92.6
≥ 600	24.6	54.2	62.9	68.7	76.9	80.4	85.4	88.6	90.6	91.4	92.3	92.3	93.2	93.3	93.9	93.9
≥ 500	24.6	54.3	63.1	68.9	77.3	81.1	86.6	89.9	92.0	93.1	94.1	94.1	95.0	95.1	95.7	95.7
≥ 400	24.6	54.6	63.6	69.3	77.9	81.9	87.6	91.2	93.3	94.6	95.8	95.8	96.8	96.9	97.4	97.4
≥ 300	24.6	54.7	63.7	69.4	78.1	82.2	88.4	92.4	94.8	96.0	97.2	97.2	98.2	98.3	98.9	98.9
≥ 200	24.6	54.7	63.7	69.4	78.1	82.3	88.6	92.7	95.1	96.4	97.7	97.7	98.7	98.9	99.4	99.4
≥ 100	24.6	54.7	63.7	69.4	78.1	82.3	88.6	92.7	95.1	96.4	97.7	97.7	98.7	99.0	99.6	99.9
≥ 0	24.6	54.7	63.7	69.4	78.1	82.3	88.6	92.7	95.1	96.4	97.7	97.7	98.7	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03070 LITTLE ROCK AFB AR 69-78 SEP  
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS

CEILING FEET	VISIBILITY : STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥½	≥0
NO CEILING	28.1	45.1	47.6	48.4	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 20000	30.3	49.8	52.4	53.6	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
IV 18000	30.3	49.8	52.4	53.6	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
IV 16000	30.3	49.8	52.4	53.6	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
IV 14000	31.4	51.6	53.2	54.3	55.3	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
IV 12000	31.4	52.0	54.9	56.3	57.4	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 10000	32.2	55.7	58.9	60.3	61.4	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 9000	33.0	56.8	59.9	61.4	62.7	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 8000	34.1	58.4	62.7	64.6	66.1	66.6	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 7000	35.3	60.5	64.1	66.0	67.6	68.0	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 6000	36.3	61.6	65.2	67.1	68.9	69.3	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 5000	36.9	62.4	66.4	68.3	70.2	70.7	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 4500	36.2	63.0	67.0	68.9	70.8	71.2	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 4000	37.2	65.4	69.4	71.4	73.8	74.3	74.6	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 3500	37.2	65.6	69.7	71.7	74.0	74.6	74.8	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 3000	37.9	67.4	71.7	73.8	76.3	76.9	77.1	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 2500	38.6	68.8	73.2	75.3	77.9	78.4	78.7	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 2000	40.6	71.8	75.3	78.6	81.1	81.7	81.9	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 1800	40.7	72.0	76.6	78.8	81.3	81.9	82.1	82.3	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 1500	41.9	74.9	79.8	82.0	84.6	85.1	85.3	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 1200	43.2	77.9	83.7	85.4	88.2	88.8	89.0	89.3	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 1000	43.6	79.1	84.8	87.3	90.4	91.2	91.6	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 900	43.6	79.3	85.0	87.6	90.7	91.4	91.9	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 800	43.7	79.8	85.6	88.2	91.3	92.1	92.6	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 700	43.8	80.2	86.2	89.0	92.3	93.2	93.7	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 600	43.8	81.3	87.6	90.4	94.3	95.2	95.8	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 500	43.9	81.8	88.0	90.9	95.1	96.1	96.7	97.6	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4
IV 400	43.8	81.8	88.0	90.9	95.2	96.3	97.0	98.1	98.7	99.1	99.3	99.4	99.4	99.4	99.4	99.4
IV 300	43.8	81.8	88.0	90.9	95.4	96.7	97.3	98.7	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IV 200	43.8	81.8	88.0	90.9	95.4	96.7	97.3	98.7	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IV 100	43.9	81.8	88.0	90.9	95.4	96.7	97.3	98.7	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IV 0	43.8	81.8	88.0	90.9	95.4	96.7	97.3	98.7	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1971 LITTLE ROCK AFB AR

69-78

SEP

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS LT

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	37.2	50.9	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 20000	41.2	59.7	60.7	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 18000	41.4	59.1	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 16000	41.6	59.2	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 14000	41.9	59.8	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 12000	43.1	62.6	64.5	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 10000	45.9	67.3	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 9000	46.4	68.2	69.8	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 8000	48.0	70.9	72.4	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 7000	48.8	71.9	73.4	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 6000	49.5	72.8	74.3	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 5000	50.1	74.3	76.0	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4500	50.7	75.1	76.9	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 4000	52.3	77.6	79.4	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 3500	52.4	78.1	80.4	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3000	54.6	81.2	83.7	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2500	55.3	83.7	86.1	86.7	87.0	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2000	56.4	86.2	88.8	89.4	90.1	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800	56.7	86.6	89.2	89.9	90.7	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1500	57.7	88.8	91.7	92.4	93.2	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1200	57.7	89.9	93.1	93.9	94.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1000	58.1	90.3	93.7	94.8	95.6	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	58.1	90.6	93.9	95.0	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	58.3	91.1	94.4	95.7	95.6	95.6	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	58.4	91.3	94.9	96.1	97.2	97.3	97.7	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	58.7	91.7	95.4	96.7	98.0	98.3	98.7	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	58.7	91.8	95.7	96.9	98.2	98.6	98.9	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	58.7	91.8	95.7	96.9	98.2	98.6	99.0	99.1	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	58.7	91.8	95.8	97.0	98.3	98.7	99.1	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	58.7	91.8	95.8	97.0	98.3	98.7	99.1	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	58.7	91.8	95.8	97.0	98.3	98.7	99.1	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	58.7	91.8	95.8	97.0	98.3	98.7	99.1	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03930 LITTLE ROCK AFB AR

69-78

SEP

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS LST

CEILING -FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.15	≥.1	≥.05	≥.01	≥0
NO CEILING	39.6	55.9	55.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 20000	45.2	66.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 18000	45.2	56.3	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 16000	45.3	56.4	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 14000	46.2	68.0	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 12000	48.0	70.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 10000	50.6	75.3	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 9000	50.9	76.1	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 8000	52.3	78.7	80.8	80.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000	53.4	79.8	82.0	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 6000	54.2	80.8	83.0	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 5000	55.9	83.1	85.3	85.4	85.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4500	56.0	83.4	85.7	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4000	56.8	85.3	87.9	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3500	57.6	86.3	89.1	89.3	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3000	58.6	87.9	90.4	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2500	58.8	89.1	92.0	92.3	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2000	59.3	90.0	92.9	93.2	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800	59.7	90.4	93.4	93.8	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500	60.2	91.3	94.6	95.1	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1200	60.6	92.1	95.6	96.2	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	60.6	92.7	96.1	96.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	60.6	92.7	96.1	96.9	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	60.6	92.9	96.3	97.1	98.6	98.7	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	60.6	93.0	96.4	97.2	98.7	98.8	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	60.6	93.0	96.4	97.2	98.8	98.9	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	60.6	93.1	96.8	97.6	99.1	99.2	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	60.6	93.1	96.8	97.7	99.2	99.3	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	60.6	93.1	96.8	97.7	99.2	99.3	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	60.6	93.1	96.8	97.7	99.2	99.3	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	60.6	93.1	96.8	97.7	99.2	99.3	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	60.6	93.1	96.8	97.7	99.2	99.3	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
USAF ETAC  
AFB WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17980 LITTLE ROCK AFB AR

69-75

SEP

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS CST

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	59.4	57.3	62.6	61.2	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 20000	62.2	63.3	67.4	66.3	67.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 18000	62.3	63.3	67.5	66.4	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 16000	62.3	63.3	67.5	66.4	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 14000	62.3	63.3	67.5	66.4	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 12000	42.6	64.1	68.3	69.2	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 10000	43.8	66.2	69.9	70.8	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 9000	47.7	71.9	75.7	76.6	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 8000	47.9	72.3	76.2	77.1	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 7000	49.7	75.6	79.9	80.7	82.5	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 6000	50.2	76.2	80.5	81.6	83.1	83.3	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 5000	51.9	77.9	82.3	83.6	85.1	85.3	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 4500	51.4	79.2	84.1	85.3	87.0	87.3	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4000	52.3	80.4	85.3	86.6	88.2	88.6	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3500	52.4	81.6	86.9	88.2	89.9	90.2	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3000	53.0	82.5	87.9	89.2	90.9	91.2	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	53.3	83.8	88.9	90.2	91.9	92.2	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000	53.7	84.3	89.7	91.2	93.1	93.4	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1800	54.4	85.7	91.1	92.7	94.6	94.9	95.1	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1600	54.4	85.8	91.2	93.0	94.9	95.2	95.4	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1500	54.9	86.7	92.2	94.0	95.9	96.2	96.4	96.6	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	55.1	87.4	93.1	94.9	96.9	97.2	97.4	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000	55.2	87.8	93.6	95.3	97.3	97.7	98.1	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	55.2	87.8	93.6	95.4	97.4	97.8	98.2	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	55.3	87.9	93.9	95.8	98.1	98.4	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	55.3	88.0	94.0	95.9	98.2	98.6	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	55.3	88.0	94.1	96.0	98.3	98.7	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	55.3	88.0	94.1	96.0	98.3	98.7	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	55.3	88.0	94.1	96.0	98.3	98.7	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	55.3	88.0	94.1	96.0	98.3	98.7	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	55.3	88.0	94.1	96.0	98.3	98.7	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	55.3	88.0	94.1	96.0	98.3	98.7	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	55.3	88.0	94.1	96.0	98.3	98.7	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

900

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION LITTLE ROCK AFB AF

YEARS 59-78

MONTH SEP

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS 2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	38.4	59.1	63.3	55.8	67.1	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 20000	40.4	63.4	68.0	70.9	72.4	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 18000	40.4	63.4	68.0	70.9	72.4	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 16000	40.4	63.4	68.0	70.9	72.4	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 14000	40.4	63.4	68.0	70.9	72.4	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 12000	41.1	64.6	69.1	72.0	73.6	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 10000	44.0	64.4	74.1	77.2	78.8	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 9000	44.3	70.1	74.9	78.0	79.6	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 8000	45.4	72.4	77.7	80.8	82.4	82.9	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 7000	45.8	73.2	78.7	81.6	83.4	83.8	83.9	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 6000	46.4	74.6	80.0	83.2	85.3	85.7	85.8	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 5000	47.2	76.0	81.6	84.8	87.3	87.7	87.8	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4500	47.7	77.1	82.7	85.9	88.4	88.8	88.9	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4000	48.0	78.7	84.4	87.7	90.2	90.6	90.7	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3500	48.3	79.3	85.1	88.4	91.0	91.3	91.4	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	48.4	80.0	85.6	89.2	91.8	92.1	92.2	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2500	49.0	80.8	86.7	90.1	92.7	93.0	93.1	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2000	49.2	81.6	87.6	91.0	93.6	93.9	94.0	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1800	49.3	81.9	87.9	91.3	94.0	94.3	94.4	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1500	50.0	83.0	89.1	92.6	95.3	95.7	95.8	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	50.3	83.3	89.4	92.9	95.7	96.0	96.1	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	50.3	83.6	89.7	93.2	96.1	96.4	96.7	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	50.3	83.6	89.8	93.4	96.3	96.7	96.9	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	50.3	83.6	89.8	93.4	96.3	96.7	96.9	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	50.3	83.7	89.9	93.6	96.6	96.9	97.1	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	50.3	83.9	90.1	93.8	96.8	97.1	97.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	50.3	84.0	90.3	94.0	97.1	97.4	97.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	50.3	84.1	90.4	94.1	97.2	97.6	97.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	50.3	84.1	90.4	94.2	97.4	97.9	98.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	50.3	84.1	90.4	94.2	97.4	97.9	98.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	50.3	84.1	90.4	94.2	97.4	97.9	98.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	50.3	84.1	90.4	94.2	97.4	97.9	98.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/WAC

# CEILING VERSUS VISIBILITY

STATION LITTLE ROCK AFB AR

69-72

SEP

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS 0001

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO CEILING	31.0	49.2	52.7	54.4	55.7	56.3	57.0	57.4	57.6	57.7	57.8	57.8	57.9	57.9	58.0	58.0
≥20000	33.0	54.3	59.3	60.1	61.7	62.4	63.1	63.6	63.8	63.9	64.0	64.0	64.1	64.1	64.2	64.2
≥18000	33.5	54.4	58.4	61.2	61.5	62.6	63.3	63.7	63.9	64.1	64.2	64.2	64.3	64.3	64.4	64.4
≥16000	33.6	54.4	58.4	60.3	61.9	62.6	63.3	63.7	63.9	64.1	64.2	64.2	64.3	64.3	64.4	64.4
≥14000	34.2	55.1	59.1	61.0	62.6	63.3	64.0	64.4	64.6	64.6	64.9	64.9	65.0	65.0	65.1	65.1
≥12000	34.9	55.6	60.7	62.6	64.3	65.0	65.7	66.1	66.4	66.5	66.6	66.6	66.7	66.8	66.8	66.8
≥10000	37.4	51.7	65.1	65.3	70.2	70.9	71.7	72.2	72.4	72.6	72.7	72.7	72.8	72.8	72.9	72.9
≥9000	37.7	62.3	66.9	69.1	71.0	71.7	72.5	73.0	73.2	73.4	73.5	73.5	73.6	73.6	73.7	73.7
≥8000	38.9	64.5	69.4	71.7	73.9	74.7	75.6	76.2	76.4	76.6	76.7	76.7	76.8	76.8	76.9	76.9
≥7000	39.4	65.5	70.4	72.8	75.0	75.8	76.8	77.4	77.6	77.6	77.9	77.9	78.1	78.1	78.2	78.2
≥6000	40.0	66.6	71.5	74.0	76.4	77.3	78.2	78.8	79.1	79.3	79.4	79.4	79.5	79.5	79.6	79.6
≥5000	40.7	67.8	73.0	75.6	76.1	79.3	80.0	80.6	80.9	81.1	81.2	81.2	81.3	81.3	81.5	81.5
≥4500	41.2	68.7	74.1	76.6	79.2	80.1	81.1	81.7	82.0	82.2	82.3	82.3	82.4	82.4	82.5	82.5
≥4000	41.7	70.2	75.7	78.5	81.1	82.0	83.1	83.7	84.0	84.2	84.3	84.3	84.4	84.4	84.6	84.6
≥3500	42.1	70.9	76.5	79.2	81.9	82.8	83.8	84.5	84.8	85.0	85.1	85.1	85.2	85.2	85.3	85.3
≥3000	42.7	72.2	77.9	80.7	83.4	84.3	85.4	86.0	86.3	86.5	86.7	86.7	86.8	86.8	86.9	86.9
≥2500	43.3	73.3	79.1	82.0	84.6	85.7	86.8	87.5	87.8	88.0	88.2	88.2	88.3	88.3	88.4	88.4
≥2000	43.9	74.6	80.7	83.6	86.5	87.4	88.5	89.1	89.5	89.7	89.9	89.9	90.0	90.0	90.1	90.1
≥1800	44.1	75.1	81.1	84.0	86.9	87.6	89.0	89.6	89.9	90.2	90.3	90.3	90.5	90.5	90.5	90.6
≥1500	44.7	76.5	82.5	85.6	88.6	89.5	90.7	91.3	91.7	91.9	92.1	92.1	92.2	92.2	92.4	92.4
≥1200	45.1	77.6	83.9	87.0	90.1	91.0	92.2	92.8	93.2	93.4	93.6	93.6	93.7	93.8	93.9	93.9
≥1000	45.2	78.2	84.5	87.8	91.0	92.0	93.2	93.9	94.3	94.5	94.7	94.7	94.9	94.9	95.0	95.0
≥900	45.2	78.3	84.7	88.0	91.2	92.2	93.5	94.2	94.6	94.8	95.0	95.0	95.2	95.2	95.3	95.3
≥800	45.3	78.6	85.0	88.4	91.7	92.8	94.1	94.9	95.4	95.6	95.8	95.8	95.9	95.9	96.0	96.0
≥700	45.3	78.9	85.4	88.9	92.3	93.4	94.7	95.6	96.1	96.3	96.5	96.5	96.7	96.7	96.8	96.8
≥600	45.3	79.2	85.9	89.3	93.0	94.1	95.5	96.5	97.0	97.2	97.5	97.5	97.6	97.6	97.7	97.7
≥500	45.3	79.4	86.2	89.6	93.4	94.6	96.0	97.1	97.6	97.9	98.2	98.2	98.3	98.4	98.5	98.5
≥400	45.3	79.4	86.3	89.7	93.6	94.8	96.3	97.5	98.0	98.4	98.7	98.7	98.8	98.8	99.0	99.0
≥300	45.3	79.5	86.3	89.8	93.8	95.1	96.7	97.9	98.5	98.9	99.2	99.2	99.4	99.4	99.5	99.5
≥200	45.3	79.5	86.3	89.9	93.8	95.1	96.7	98.0	98.6	99.0	99.3	99.3	99.5	99.6	99.7	99.7
≥100	45.3	79.5	86.3	89.9	93.8	95.1	96.7	98.0	98.6	99.0	99.4	99.4	99.6	99.7	99.8	99.8
≥0	45.3	79.5	86.3	89.9	93.8	95.1	96.7	98.0	98.6	99.0	99.4	99.4	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7199

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

00950 LITTLE ROCK AFB AF  
STATION STA. ON NAME

69-78  
YEARS

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	39.1	62.2	65.1	65.9	67.0	67.0	67.4	67.4	67.4	67.4	67.6	67.6	67.8	67.8	68.0	68.4
≥ 20000	40.0	65.3	68.4	69.2	70.4	70.4	70.9	70.9	70.9	70.9	71.1	71.1	71.3	71.3	71.4	71.8
≥ 18000	40.0	65.4	68.5	69.4	70.5	70.5	71.0	71.0	71.0	71.0	71.2	71.2	71.4	71.4	71.5	71.9
≥ 16000	40.0	65.4	68.5	69.4	70.5	70.5	71.0	71.0	71.0	71.0	71.2	71.2	71.4	71.4	71.5	71.9
≥ 14000	40.2	66.0	69.1	70.0	71.2	71.2	71.6	71.6	71.6	71.6	71.8	71.8	72.0	72.0	72.2	72.6
≥ 12000	41.9	68.2	71.3	72.2	73.3	73.3	73.8	73.8	73.8	73.8	74.0	74.0	74.2	74.2	74.3	74.7
≥ 10000	42.9	70.8	74.1	74.9	76.5	76.5	76.9	76.9	76.9	76.9	77.1	77.1	77.3	77.3	77.4	77.8
≥ 9000	43.0	71.3	74.3	75.4	76.9	76.9	77.3	77.3	77.3	77.3	77.5	77.5	77.7	77.7	77.8	78.3
≥ 8000	44.7	74.7	78.1	78.9	80.5	80.5	81.0	81.0	81.0	81.0	81.2	81.2	81.4	81.4	81.5	81.9
≥ 7000	45.3	76.0	79.7	80.6	82.5	82.5	82.9	82.9	82.9	82.9	83.1	83.1	83.3	83.3	83.4	83.9
≥ 6000	46.0	77.3	81.1	82.0	83.9	84.0	84.4	84.4	84.4	84.4	84.6	84.6	84.8	84.8	84.9	85.4
≥ 5000	47.7	80.0	83.8	84.7	86.6	86.7	87.1	87.1	87.1	87.1	87.3	87.3	87.5	87.5	87.6	88.1
≥ 4500	48.3	81.5	85.3	86.2	88.1	88.2	88.6	88.6	88.6	88.6	88.8	88.8	89.0	89.0	89.1	89.6
≥ 4000	49.0	82.4	86.2	87.2	89.0	89.1	89.6	89.6	89.6	89.6	89.7	89.9	89.9	90.1	90.1	90.6
≥ 3500	49.7	82.6	86.5	87.4	89.2	89.4	89.8	89.8	89.8	89.8	89.9	90.1	90.1	90.3	90.3	90.9
≥ 3000	49.5	83.3	87.2	88.3	90.1	90.2	90.6	90.6	90.6	90.6	90.8	91.0	91.0	91.2	91.2	91.7
≥ 2500	50.2	84.6	88.5	89.6	91.4	91.6	92.0	92.0	92.0	92.0	92.2	92.4	92.4	92.6	92.6	93.1
≥ 2000	50.6	85.4	89.5	90.6	92.6	92.8	93.2	93.2	93.2	93.2	93.4	93.7	93.7	93.9	93.9	94.4
≥ 1800	51.1	86.0	90.1	91.3	93.2	93.4	93.9	93.9	93.9	94.1	94.3	94.3	94.5	94.5	94.6	95.1
≥ 1500	51.5	86.6	90.9	92.2	94.1	94.3	94.7	94.8	94.8	95.1	95.3	95.3	95.5	95.5	95.6	96.0
≥ 1200	51.5	86.7	91.0	92.6	94.5	94.7	95.2	95.3	95.3	95.5	95.7	95.7	95.9	95.9	96.0	96.5
≥ 1000	51.5	86.8	91.1	93.0	95.1	95.3	95.8	96.0	96.0	96.2	96.5	96.5	96.7	96.7	96.8	97.2
≥ 900	51.5	86.9	91.2	93.2	95.3	95.5	96.0	96.2	96.2	96.5	96.7	96.7	96.9	96.9	97.0	97.4
≥ 800	51.6	87.2	91.5	93.5	95.6	95.8	96.5	96.7	96.7	96.9	97.1	97.1	97.3	97.3	97.4	97.8
≥ 700	51.6	87.3	91.6	93.7	95.8	96.0	96.7	96.9	96.9	97.1	97.3	97.3	97.5	97.5	97.6	98.1
≥ 600	51.6	87.3	91.6	93.8	95.9	96.1	96.8	97.0	97.0	97.2	97.4	97.4	97.6	97.6	97.7	98.2
≥ 500	51.3	87.4	91.7	94.2	96.6	96.8	97.7	98.1	98.2	98.4	98.6	98.6	98.8	98.8	98.9	99.4
≥ 400	51.6	87.5	91.8	94.3	96.7	96.9	97.8	98.2	98.3	98.5	98.7	98.7	98.9	98.9	99.0	99.5
≥ 300	51.6	87.5	91.8	94.3	96.7	97.0	98.0	98.3	98.5	98.7	98.9	98.9	99.1	99.1	99.2	99.7
≥ 200	51.6	87.5	91.8	94.3	96.8	97.1	98.1	98.5	98.7	98.9	99.1	99.1	99.4	99.4	99.5	99.9
≥ 100	51.6	87.5	91.8	94.3	96.8	97.1	98.1	98.5	98.7	98.9	99.1	99.1	99.4	99.4	99.5	99.9
≥ 0	51.6	87.5	91.8	94.3	96.8	97.1	98.1	98.5	98.7	98.9	99.1	99.1	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1978 LITTLE ROCK AFB AF

69-78

OCT

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥4	≥0
NO CEILING	50.2	54.4	57.6	60.8	62.5	62.8	64.0	64.3	64.6	64.7	65.1	65.1	65.8	65.8	66.1	66.5
≥ 20000	30.8	56.1	59.7	62.7	64.5	64.9	66.2	66.6	66.9	67.0	67.3	67.3	68.1	68.1	68.4	68.7
18000	30.8	56.1	59.7	62.7	64.5	64.9	66.2	66.6	66.9	67.0	67.3	67.3	68.1	68.1	68.4	68.7
16000	30.8	56.1	59.7	62.7	64.5	64.9	66.2	66.6	66.9	67.0	67.3	67.3	68.1	68.1	68.4	68.7
14000	31.2	56.7	60.2	63.2	65.1	65.5	66.8	67.1	67.4	67.5	67.8	67.8	68.6	68.6	68.9	69.2
12000	32.5	58.4	61.9	65.1	66.9	67.3	68.6	68.9	69.2	69.4	69.7	69.7	70.4	70.4	70.8	71.1
10000	34.1	61.9	65.6	68.9	70.8	71.2	72.5	72.9	73.2	73.3	73.7	73.7	74.4	74.4	74.7	75.1
9000	34.6	62.7	66.3	69.7	71.5	71.9	73.2	73.7	74.0	74.1	74.4	74.4	75.2	75.2	75.5	75.8
8000	35.9	65.6	69.4	72.7	74.5	74.9	76.2	76.7	77.0	77.1	77.4	77.4	78.2	78.2	78.5	78.8
7000	36.1	66.2	70.3	73.9	75.7	76.1	77.4	77.8	78.2	78.3	78.6	78.6	79.4	79.4	79.7	80.0
6000	36.9	67.1	71.2	74.7	76.6	77.0	78.3	78.7	79.0	79.1	79.5	79.5	80.2	80.2	80.5	80.9
5000	37.2	68.8	72.9	76.5	78.3	78.7	80.0	80.4	80.6	80.9	81.2	81.2	81.9	81.9	82.3	82.6
4500	37.6	70.0	74.5	78.1	79.9	80.3	81.6	82.0	82.4	82.5	82.8	82.8	83.5	83.5	83.9	84.2
4000	37.8	70.4	74.9	78.6	80.4	80.9	82.3	82.7	83.1	83.2	83.5	83.5	84.3	84.3	84.6	84.9
3500	38.1	71.0	75.7	79.4	81.3	81.8	83.3	83.8	84.2	84.3	84.6	84.6	85.4	85.4	85.7	86.0
3000	38.5	71.9	76.7	80.5	82.6	83.1	84.6	85.1	85.5	85.6	85.9	85.9	86.7	86.7	87.0	87.3
2500	40.1	74.0	78.9	82.8	85.1	85.6	87.1	87.5	88.0	88.1	88.4	88.4	89.1	89.1	89.5	89.8
2000	40.8	75.5	80.4	84.6	87.0	87.5	89.0	89.5	89.9	90.0	90.3	90.3	91.1	91.1	91.4	91.7
1800	40.9	75.6	80.5	84.7	87.1	87.6	89.1	89.6	90.1	90.2	90.5	90.5	91.3	91.3	91.6	91.9
1500	41.6	76.9	81.9	86.3	88.8	89.4	90.9	91.4	91.9	92.0	92.4	92.4	93.1	93.1	93.4	93.8
1200	41.6	77.2	82.3	87.0	89.5	90.0	91.5	92.0	92.6	92.7	93.0	93.0	93.8	93.8	94.1	94.4
1000	41.7	77.5	82.7	87.5	90.1	90.6	92.2	92.7	93.2	93.3	93.7	93.7	94.4	94.4	94.7	95.1
900	41.7	77.6	82.8	87.6	90.2	90.8	92.3	92.8	93.4	93.5	93.9	93.9	94.6	94.6	94.9	95.3
800	41.7	77.7	82.9	88.1	90.8	91.3	92.8	93.3	94.0	94.1	94.4	94.4	95.2	95.2	95.5	95.8
700	41.7	77.8	83.0	88.2	91.0	91.5	93.0	93.5	94.2	94.3	94.6	94.6	95.4	95.4	95.7	96.0
600	41.7	78.2	83.3	88.6	91.4	91.9	93.4	94.0	94.6	94.7	95.1	95.1	95.8	95.8	96.1	96.5
500	41.7	78.3	83.4	89.1	92.0	92.6	94.1	94.6	95.5	95.6	95.9	95.9	96.7	96.7	97.0	97.3
400	41.7	78.4	83.5	89.2	92.3	92.8	94.5	95.2	96.0	96.1	96.6	96.6	97.3	97.3	97.7	98.1
300	41.7	78.4	83.5	89.2	92.5	93.0	94.8	95.8	96.8	96.9	97.3	97.3	98.1	98.1	98.5	98.9
200	41.7	78.4	83.5	89.2	92.5	93.0	94.8	95.8	96.8	97.0	97.4	97.4	98.2	98.2	98.8	99.4
100	41.7	78.4	83.5	89.2	92.5	93.0	94.8	95.8	96.8	97.0	97.4	97.4	98.2	98.2	99.0	99.8
0	41.7	78.4	83.5	89.2	92.5	93.0	94.8	95.8	96.8	97.0	97.4	97.4	98.2	98.2	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AFW WEATHER SERVICE/NAC

## CEILING VERSUS VISIBILITY

13930 LITTLE ROCK AFB AR

69-79

OCT

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0600  
HOURS (Z ST.)

CEILING /FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	28.1	44.1	47.7	49.5	52.5	53.8	54.6	55.7	56.2	56.5	56.9	57.0	57.2	57.3	57.5	58.0
≥ 20000	29.6	45.6	50.6	52.4	55.5	57.0	58.2	59.5	60.0	60.2	60.9	61.0	61.2	61.3	61.6	62.2
≥ 18000	29.6	46.6	51.4	52.4	55.5	57.0	58.2	59.5	60.0	60.2	60.9	61.0	61.2	61.3	61.6	62.2
≥ 16000	29.6	46.6	50.6	52.4	55.5	57.0	58.2	59.5	60.0	60.2	60.9	61.0	61.2	61.3	61.6	62.2
≥ 14000	29.9	47.0	51.4	53.1	56.2	57.7	58.9	60.2	60.8	61.0	61.6	61.7	61.9	62.0	62.4	62.9
≥ 12000	31.0	49.1	53.2	55.1	58.3	59.8	61.0	62.4	62.9	63.1	63.8	64.0	64.3	64.4	64.7	65.3
≥ 10000	32.4	52.4	57.1	59.1	62.7	64.2	65.4	66.8	67.3	67.5	68.2	68.4	68.7	68.8	69.1	69.7
≥ 9000	33.0	53.1	57.8	59.9	63.4	64.9	66.1	67.5	68.1	68.3	68.9	69.1	69.5	69.6	69.9	70.4
≥ 8000	34.7	56.3	61.9	64.0	67.8	69.6	70.8	72.3	72.8	73.0	73.7	73.9	74.2	74.3	74.7	75.3
≥ 7000	35.1	56.8	62.7	64.8	68.7	70.4	71.6	73.1	73.7	73.9	74.5	74.7	75.1	75.2	75.6	76.1
≥ 6000	35.6	57.5	63.5	66.0	69.9	71.6	72.8	74.3	74.8	75.2	75.9	76.1	76.5	76.6	77.0	77.5
≥ 5000	36.5	59.9	66.1	68.6	72.6	74.3	75.5	77.0	77.5	77.8	78.6	78.8	79.1	79.2	79.7	80.2
≥ 4500	36.9	61.0	67.2	69.8	73.9	75.6	76.9	78.5	79.1	79.5	80.2	80.4	80.8	80.9	81.3	81.8
≥ 4000	37.6	61.6	68.0	70.9	74.9	76.7	78.2	79.9	80.5	80.9	81.6	81.8	82.2	82.3	82.7	83.3
≥ 3500	37.9	62.0	68.5	71.4	75.6	77.3	78.8	80.5	81.2	81.5	82.3	82.5	82.8	82.9	83.3	84.0
≥ 3000	38.4	63.0	69.5	72.5	76.7	78.4	79.9	81.6	82.3	82.6	83.3	83.5	83.9	84.0	84.4	85.1
≥ 2500	39.0	64.6	71.3	74.3	78.6	80.4	81.9	83.7	84.3	84.6	85.4	85.6	85.9	86.0	86.5	87.1
≥ 2000	39.9	65.8	72.5	75.7	80.2	82.0	83.5	85.3	85.9	86.2	87.0	87.2	87.5	87.6	88.1	88.7
≥ 1800	39.9	65.8	72.6	75.8	80.4	82.3	83.8	85.5	86.1	86.5	87.2	87.4	87.7	87.8	88.3	88.9
≥ 1500	40.3	66.7	73.4	76.8	81.5	83.3	84.9	86.8	87.4	87.7	88.5	88.7	89.0	89.1	89.6	90.2
≥ 1200	40.4	67.2	74.1	77.4	82.7	84.5	86.1	88.0	88.6	89.0	89.8	90.0	90.3	90.4	90.9	91.5
≥ 1000	40.4	67.4	74.3	77.6	83.1	84.9	86.6	88.4	89.0	89.5	90.2	90.4	90.8	90.9	91.3	91.9
≥ 900	40.4	67.4	74.3	77.6	83.1	84.9	86.6	88.5	89.1	89.6	90.3	90.5	90.9	91.0	91.4	92.0
≥ 800	40.4	67.5	74.5	78.0	83.7	85.5	87.1	89.0	89.7	90.1	90.9	91.1	91.4	91.5	91.9	92.6
≥ 700	40.4	67.6	74.7	78.2	84.1	85.9	87.8	89.9	90.5	91.0	91.7	91.9	92.3	92.4	92.8	93.4
≥ 600	40.4	67.6	75.2	78.7	84.8	86.6	88.8	90.9	91.5	91.9	92.7	92.9	93.2	93.3	93.8	94.4
≥ 500	40.4	68.2	75.9	79.4	85.5	87.4	89.6	91.8	92.6	93.0	93.8	94.0	94.3	94.4	94.8	95.5
≥ 400	40.4	68.4	76.0	79.6	85.7	87.6	89.8	92.5	93.3	93.9	94.7	94.9	95.3	95.4	95.8	96.5
≥ 300	40.4	68.4	76.1	79.7	85.9	87.8	90.0	92.9	93.9	94.6	95.6	95.8	96.1	96.2	96.7	97.3
≥ 200	40.4	68.4	76.1	79.7	85.9	87.8	90.1	93.0	94.0	94.7	95.9	96.2	96.6	96.8	97.5	98.6
≥ 100	40.4	68.4	76.1	79.7	85.9	87.8	90.1	93.0	94.0	94.8	96.1	96.5	96.8	97.1	98.0	99.2
≥ 0	40.4	68.4	76.1	79.7	85.9	87.8	90.1	93.0	94.0	94.8	96.1	96.5	96.8	97.3	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

17900  
STATION

LITTLE ROCK AFB AR  
STATION NAME

69-78  
YEARS

OCT  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3900-1100  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥4	≥0
NO CEILING	38.1	55.2	57.2	57.5	58.2	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 20000	40.1	58.8	61.4	61.8	62.6	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1
≥ 18000	40.3	59.2	61.8	62.3	63.0	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5
≥ 16000	40.3	59.2	61.8	62.3	63.0	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5
≥ 14000	40.6	59.9	62.6	62.9	63.7	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2
≥ 12000	41.4	61.2	63.6	64.3	65.1	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6
≥ 10000	42.7	64.9	68.0	68.4	69.1	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7
≥ 9000	43.2	65.6	68.8	69.4	70.1	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6
≥ 8000	44.2	67.8	71.3	72.0	72.9	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4
≥ 7000	45.1	68.8	72.4	73.2	74.2	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7
≥ 6000	45.7	70.4	74.1	75.1	76.0	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6
≥ 5000	46.3	71.4	75.2	76.2	77.4	77.7	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2
≥ 4500	46.7	72.2	75.6	77.1	78.3	78.6	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0
≥ 4000	47.3	73.1	77.1	78.2	79.5	79.8	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2
≥ 3500	48.0	74.3	78.2	79.4	80.6	81.0	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4
≥ 3000	49.0	75.8	79.9	81.2	83.0	83.3	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8
≥ 2500	49.8	77.5	81.8	83.2	85.6	85.9	86.1	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6
≥ 2000	50.4	79.1	83.5	84.9	87.4	87.7	88.0	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5
≥ 1800	50.4	79.5	83.9	85.3	87.7	88.1	88.3	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8
≥ 1500	51.4	81.2	85.8	87.2	89.7	90.0	90.2	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.8
≥ 1200	51.4	82.6	87.3	88.7	91.3	91.6	91.8	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4
≥ 1000	51.8	83.0	87.7	89.2	91.8	92.2	92.4	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1
≥ 900	51.9	83.7	88.5	90.0	92.7	93.0	93.2	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0
≥ 800	51.9	83.9	88.7	90.3	93.0	93.3	93.5	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3
≥ 700	51.9	84.0	88.8	90.4	93.1	93.5	93.8	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6
≥ 600	52.0	84.4	89.2	91.0	93.9	94.3	94.5	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4
≥ 500	52.0	84.6	89.6	91.4	94.3	94.7	95.3	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6
≥ 400	52.0	84.6	89.9	92.0	95.1	95.5	96.1	97.2	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.4
≥ 300	52.0	84.6	89.9	92.0	95.2	95.6	96.3	97.6	98.3	98.7	98.8	98.8	98.8	98.9	98.9	99.1
≥ 200	52.0	84.6	89.9	92.3	95.4	95.8	96.6	97.8	98.5	99.1	99.2	99.4	99.6	99.6	99.6	99.9
≥ 100	52.0	84.6	89.9	92.3	95.4	95.8	96.6	97.8	98.5	99.1	99.2	99.4	99.6	99.6	99.6	100.0
≥ 0	52.0	84.6	89.9	92.3	95.4	95.8	96.6	97.8	98.5	99.1	99.2	99.4	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1997 LITTLE ROCK AFB AR

59-78

OCT

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LT)

CEILING -FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.15	≥.1	≥.05	≥.01	≥0
NO CEILING	47.4	55.6	59.7	59.3	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 20000	51.5	64.3	64.0	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 18000	51.6	64.4	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 16000	51.8	64.6	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 14000	52.3	65.4	66.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 12000	53.4	67.2	67.2	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 10000	55.6	70.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 9000	56.0	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 8000	57.7	74.2	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 7000	59.6	75.4	76.2	76.3	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 6000	59.4	76.5	77.6	77.7	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 5000	60.2	78.1	78.9	79.0	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 4500	61.6	78.9	80.7	80.1	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 4000	61.2	80.3	81.2	81.9	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 3500	62.2	82.7	83.8	83.9	84.2	84.2	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3000	63.9	85.2	86.3	86.5	86.9	86.9	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2500	65.5	88.1	89.4	89.6	90.2	90.2	90.4	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000	66.8	90.0	91.3	91.7	92.4	92.4	92.8	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1800	66.9	90.5	92.0	92.5	93.1	93.1	93.5	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	67.0	91.8	93.1	93.5	94.3	94.3	94.7	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200	67.2	92.3	93.9	94.3	95.1	95.1	95.5	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000	67.5	92.6	94.3	94.8	95.6	95.7	96.1	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 900	67.5	92.7	94.4	94.9	95.8	95.9	96.3	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	67.6	93.3	95.1	95.6	96.5	96.6	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	67.6	94.0	96.0	96.6	97.4	97.5	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	67.6	94.2	96.2	96.8	97.7	97.8	98.3	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	67.6	94.2	96.3	96.9	98.0	98.1	98.6	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	67.6	94.2	96.3	96.9	98.0	98.2	98.7	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	67.6	94.2	96.3	96.9	98.0	98.2	98.8	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	67.6	94.2	96.3	96.9	98.0	98.2	98.8	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	67.6	94.2	96.3	96.9	98.0	98.2	98.8	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	67.6	94.2	96.3	96.9	98.0	98.2	98.8	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13530 LITTLE ROCK AFB AR

69-79

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	62.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 20000	65.1	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 18000	65.1	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 16000	65.4	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 14000	65.6	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 12000	67.3	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 10000	69.1	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 9000	69.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 8000	71.6	79.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 7000	62.7	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 6000	63.8	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 5000	64.6	84.3	84.5	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 4500	65.8	85.7	85.9	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4000	66.5	87.1	87.3	87.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3500	67.5	88.4	88.7	89.1	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3000	68.3	90.1	90.4	90.9	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500	69.9	91.8	92.4	92.9	93.9	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	69.1	92.5	93.0	93.5	94.5	94.7	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800	69.4	93.1	93.7	94.2	95.2	95.4	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1500	70.0	94.1	94.7	95.3	96.2	96.5	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	70.3	94.6	95.3	95.9	96.9	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	70.3	94.7	95.4	96.0	97.1	97.4	97.8	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	70.4	95.2	95.8	96.5	97.5	97.8	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	70.4	95.2	95.8	96.5	97.5	97.8	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	70.4	95.2	95.8	96.5	97.5	97.8	98.3	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	70.4	95.5	96.2	96.9	98.1	98.4	98.8	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	70.4	95.6	96.3	97.0	98.3	98.8	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	70.4	95.6	96.3	97.0	98.3	98.8	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	70.4	95.6	96.3	97.0	98.3	98.8	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	70.4	95.6	96.3	97.0	98.3	98.8	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	70.4	95.6	96.3	97.0	98.3	98.8	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	70.4	95.6	96.3	97.0	98.3	98.8	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

LAT/ PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

03450  
STATION

LITTLE ROCK AFB AR  
STATION NAME

69-78  
YEARS

OCT  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	48.9	67.2	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 20000	51.5	70.9	71.2	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 18000	51.5	70.9	71.2	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 16000	51.5	71.2	71.5	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 14000	52.4	72.2	72.5	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 12000	53.7	73.9	74.2	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 10000	54.5	76.6	76.9	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 9000	54.7	77.3	77.3	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 8000	56.5	79.4	79.5	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 7000	57.1	80.9	81.4	81.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 6000	58.2	82.8	83.4	84.0	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 5000	58.6	83.9	84.6	85.2	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4500	58.4	85.5	87.2	87.7	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4000	61.4	88.5	89.2	89.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3500	62.2	89.8	90.5	91.1	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	62.7	90.8	91.5	92.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2500	62.7	91.2	92.3	92.6	93.8	93.9	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	63.2	91.5	92.7	93.2	94.5	94.9	95.2	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	63.3	91.9	92.8	93.3	94.6	95.1	95.3	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1500	63.9	93.1	94.0	94.5	95.9	96.3	96.6	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	64.1	93.5	94.4	94.9	96.7	97.1	97.5	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	64.1	93.5	94.4	94.9	96.9	97.4	98.0	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	64.2	93.8	94.5	95.2	97.1	97.6	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	64.2	93.8	94.6	95.2	97.1	97.6	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	64.2	93.8	94.7	95.3	97.2	97.7	98.4	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	64.2	93.9	94.8	95.4	97.4	98.0	98.6	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	64.2	93.9	94.8	95.5	97.6	98.2	98.8	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	64.2	93.9	94.9	95.6	98.0	98.5	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	64.2	94.0	95.1	95.7	98.1	98.6	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	64.2	94.0	95.1	95.7	98.1	98.6	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	64.2	94.0	95.1	95.7	98.1	98.6	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	64.2	94.0	95.1	95.7	98.1	98.6	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

03930 LITTLE ROCK AFB AR

69-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
MOON 131

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥5/32	≥0
NO CEILING	45.2	67.5	68.5	68.7	69.0	69.4	69.4	69.4	69.4	69.4	69.5	69.6	69.7	69.7	69.7	69.7
≥ 20000	46.0	70.0	71.7	71.3	71.6	71.9	71.9	71.9	71.9	71.9	72.0	72.2	72.3	72.3	72.3	72.3
≥ 18000	46.3	70.0	71.7	71.3	71.6	71.9	71.9	71.9	71.9	71.9	72.0	72.2	72.3	72.3	72.3	72.3
≥ 15000	46.3	70.3	71.3	71.6	71.9	72.3	72.3	72.3	72.3	72.3	72.4	72.5	72.6	72.6	72.6	72.6
≥ 14000	46.3	70.3	71.3	71.6	71.9	72.3	72.3	72.3	72.3	72.3	72.4	72.5	72.6	72.6	72.6	72.6
≥ 12000	47.2	71.7	72.7	73.0	73.3	73.7	73.7	73.7	73.7	73.7	73.8	73.9	74.0	74.0	74.0	74.0
≥ 10000	48.6	73.9	75.2	75.5	75.8	76.1	76.1	76.1	76.1	76.1	76.2	76.3	76.5	76.5	76.5	76.5
≥ 9000	48.6	74.2	75.7	76.0	76.3	76.7	76.7	76.7	76.7	76.7	76.8	76.9	77.0	77.0	77.0	77.0
≥ 8000	50.0	76.8	78.3	78.6	78.9	79.2	79.2	79.2	79.2	79.2	79.4	79.5	79.6	79.6	79.6	79.6
≥ 7000	50.5	78.4	80.1	80.6	81.0	81.3	81.3	81.3	81.3	81.3	81.4	81.5	81.6	81.6	81.6	81.6
≥ 6000	51.9	80.9	82.7	83.2	83.5	84.1	84.3	84.3	84.3	84.3	84.4	84.5	84.6	84.6	84.6	84.6
≥ 5000	52.7	81.9	83.9	84.4	84.7	85.3	85.5	85.5	85.5	85.5	85.6	85.7	85.8	85.8	85.8	85.8
≥ 4500	54.2	84.5	86.5	87.3	87.6	88.2	88.4	88.4	88.4	88.4	88.5	88.6	88.7	88.7	88.7	88.7
≥ 4000	55.8	87.3	88.9	89.8	90.1	90.5	90.9	90.9	91.0	91.0	91.1	91.2	91.3	91.3	91.3	91.3
≥ 3500	56.1	88.1	90.0	90.9	91.2	91.7	92.0	92.0	92.2	92.2	92.3	92.4	92.5	92.5	92.5	92.5
≥ 3000	57.0	89.1	91.1	91.9	92.3	92.8	93.1	93.1	93.2	93.2	93.3	93.4	93.5	93.5	93.5	93.5
≥ 2500	57.8	90.6	92.9	93.8	94.2	94.7	95.1	95.3	95.4	95.5	95.6	95.7	95.8	95.8	95.8	95.8
≥ 2000	58.1	91.1	93.3	94.2	94.7	95.3	95.6	96.0	96.1	96.3	96.5	96.6	96.7	96.7	96.7	96.7
≥ 1800	58.1	91.2	93.4	94.3	94.8	95.4	95.7	96.1	96.2	96.5	96.6	96.7	96.8	96.8	96.8	96.8
≥ 1500	58.3	92.3	94.5	95.4	95.9	96.5	96.8	97.2	97.3	97.5	97.6	97.7	97.8	97.8	97.8	97.8
≥ 1200	58.3	92.3	94.5	95.5	96.0	96.6	96.9	97.3	97.4	97.6	97.7	97.8	98.0	98.0	98.0	98.0
≥ 1000	58.5	92.6	94.8	95.8	96.5	97.0	97.3	97.7	97.8	98.1	98.2	98.3	98.4	98.4	98.4	98.4
≥ 900	58.6	92.8	95.1	96.0	96.7	97.2	97.5	98.0	98.1	98.3	98.4	98.5	98.6	98.6	98.6	98.6
≥ 800	58.7	92.9	95.2	96.1	96.9	97.4	97.7	98.2	98.3	98.5	98.6	98.7	98.8	98.8	98.8	98.8
≥ 700	58.8	93.1	95.4	96.3	97.1	97.7	98.1	98.5	98.6	98.8	98.9	99.0	99.1	99.1	99.1	99.1
≥ 600	58.8	93.3	95.5	96.7	97.4	98.2	98.7	99.1	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.8
≥ 500	58.8	93.3	95.6	96.7	97.4	98.2	98.8	99.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9
≥ 400	58.8	93.3	95.6	96.7	97.4	98.2	98.8	99.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9
≥ 300	58.8	93.3	95.6	96.7	97.4	98.2	98.9	99.4	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0
≥ 200	58.8	93.3	95.6	96.7	97.4	98.2	98.9	99.4	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0
≥ 100	58.8	93.3	95.6	96.7	97.4	98.2	98.9	99.4	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0
≥ 0	58.8	93.3	95.6	96.7	97.4	98.2	98.9	99.4	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

## CEILING VERSUS VISIBILITY

OCT  
1954

ALL  
HOUSING

CEILING -FEET-	VISIBILITY :STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1'	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	41.2	59.1	63.9	61.6	62.5	62.8	63.1	63.3	63.4	63.4	63.5	63.6	63.7	63.8	63.8	64.0
≥ 20000	43.1	62.4	64.4	65.2	66.1	66.5	66.8	67.0	67.1	67.2	67.3	67.4	67.5	67.5	67.6	67.5
≥ 18000	42.1	62.5	64.5	65.3	66.2	66.5	66.9	67.1	67.2	67.3	67.4	67.4	67.6	67.6	67.7	67.9
≥ 16000	42.3	62.7	64.6	65.4	66.4	66.7	67.0	67.2	67.4	67.4	67.6	67.6	67.8	67.8	67.9	68.0
≥ 14000	43.6	62.3	65.2	66.0	66.9	67.3	67.6	67.8	68.0	68.0	68.2	68.2	68.3	68.4	68.5	68.6
≥ 12000	44.8	65.1	67.0	67.9	68.8	69.1	69.5	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.3	70.5
≥ 10000	46.3	66.3	70.4	71.3	72.3	72.6	73.0	73.2	73.3	73.4	73.5	73.6	73.8	73.8	73.9	74.0
≥ 9000	46.6	66.8	71.0	71.9	72.9	73.3	73.6	73.8	74.0	74.0	74.2	74.2	74.4	74.4	74.5	74.7
≥ 8000	48.2	71.7	74.1	75.1	76.2	76.5	76.9	77.2	77.3	77.3	77.5	77.5	77.7	77.7	77.8	78.0
≥ 7000	48.8	72.9	75.5	76.6	77.7	78.1	78.5	78.7	78.8	78.9	79.0	79.1	79.3	79.3	79.4	79.6
≥ 6000	49.6	74.4	77.1	78.2	79.4	79.8	80.2	80.4	80.5	80.6	80.8	80.8	81.0	81.0	81.1	81.3
≥ 5000	50.5	76.0	78.7	79.9	81.2	81.6	82.0	82.3	82.4	82.5	82.6	82.7	82.9	82.9	83.0	83.2
≥ 4500	51.3	77.5	80.2	81.6	82.9	83.3	83.8	84.0	84.2	84.2	84.4	84.4	84.6	84.6	84.7	84.9
≥ 4000	52.1	78.9	81.7	83.0	84.4	84.8	85.3	85.6	85.7	85.8	86.0	86.0	86.2	86.2	86.3	86.5
≥ 3500	52.6	79.9	82.7	84.1	85.5	85.9	86.4	86.7	86.9	87.0	87.1	87.2	87.4	87.4	87.5	87.7
≥ 3000	53.4	81.2	84.1	85.5	87.0	87.5	88.0	88.3	88.5	88.5	88.7	88.8	88.9	89.0	89.1	89.2
≥ 2500	54.3	82.8	85.9	87.3	89.1	89.5	90.1	90.5	90.7	90.8	90.9	91.0	91.2	91.2	91.3	91.5
≥ 2000	54.9	83.9	87.0	88.6	90.4	90.9	91.5	92.0	92.2	92.3	92.5	92.5	92.7	92.7	92.8	93.0
≥ 1800	55.0	84.2	87.4	88.9	90.8	91.3	91.9	92.3	92.5	92.7	92.8	92.9	93.1	93.1	93.2	93.4
≥ 1500	55.5	85.3	88.5	90.1	92.1	92.6	93.2	93.7	93.9	94.0	94.2	94.2	94.4	94.4	94.5	94.7
≥ 1200	55.6	85.8	89.1	90.8	92.8	93.3	94.0	94.5	94.7	94.9	95.0	95.1	95.2	95.3	95.4	95.6
≥ 1000	55.7	86.0	89.3	91.1	93.3	93.8	94.5	95.1	95.3	95.4	95.6	95.6	95.8	95.8	95.9	96.1
≥ 900	55.8	86.3	89.6	91.4	93.5	94.1	94.8	95.4	95.6	95.7	95.9	96.0	96.1	96.1	96.3	96.4
≥ 800	55.8	86.4	89.8	91.7	93.9	94.4	95.1	95.7	95.9	96.1	96.3	96.3	96.5	96.5	96.6	96.8
≥ 700	55.8	86.6	90.0	91.9	94.2											

**TOTAL NUMBER OF OBSERVATIONS** 7440

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03930 LITTLE ROCK AFB AR

69-78

NCV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (ST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	41.0	54.0	54.0	55.3	55.6	55.6	55.8	55.8	55.9	56.4	56.6	56.6	56.6	56.7	56.9	57.2
≥ 20000	42.7	56.8	57.8	58.2	58.7	58.7	58.7	58.7	58.8	59.3	59.4	59.4	59.4	59.6	59.8	60.1
≥ 18000	42.8	56.9	57.9	58.3	58.8	58.8	58.8	58.8	58.9	59.4	59.6	59.6	59.6	59.7	59.9	60.2
≥ 16000	42.8	56.9	57.9	58.3	58.8	58.8	58.8	58.8	58.9	59.4	59.6	59.6	59.6	59.7	59.9	60.2
≥ 14000	42.8	57.0	58.0	58.4	58.9	58.9	58.9	58.9	59.0	59.6	59.7	59.7	59.7	59.8	60.0	60.3
≥ 12000	43.6	58.2	59.2	59.7	60.1	60.1	60.1	60.1	60.2	60.8	60.9	60.9	60.9	61.0	61.2	61.6
≥ 10000	44.0	59.4	60.4	61.0	61.4	61.4	61.4	61.4	61.6	62.1	62.2	62.2	62.2	62.3	62.6	62.9
≥ 9000	44.0	59.4	60.4	61.0	61.4	61.4	61.4	61.4	61.6	62.1	62.2	62.2	62.2	62.3	62.6	62.9
≥ 8000	44.9	61.6	63.1	63.7	64.2	64.2	64.2	64.2	64.3	64.9	65.0	65.0	65.0	65.1	65.3	65.7
≥ 7000	46.6	63.7	65.2	65.8	66.3	66.3	66.3	66.3	66.4	67.0	67.1	67.1	67.1	67.2	67.4	67.8
≥ 6000	48.9	67.1	68.7	69.2	69.8	69.8	69.8	69.8	69.9	70.4	70.6	70.6	70.6	70.7	70.9	71.2
≥ 5000	49.4	69.2	70.8	71.4	72.1	72.1	72.1	72.1	72.2	72.8	72.9	72.9	72.9	73.0	73.2	73.6
≥ 4500	50.4	70.8	72.3	73.0	73.7	73.7	73.7	73.7	73.8	74.3	74.4	74.4	74.4	74.6	74.8	75.1
≥ 4000	51.2	72.1	73.7	74.3	75.0	75.0	75.1	75.1	75.2	75.8	75.9	75.9	75.9	76.0	76.2	76.6
≥ 3500	52.1	74.0	75.6	76.2	76.9	76.9	77.0	77.1	77.2	77.8	77.9	77.9	77.9	78.0	78.2	78.6
≥ 3000	53.3	76.0	77.6	78.3	79.1	79.1	79.2	79.3	79.4	80.0	80.1	80.1	80.1	80.2	80.4	80.8
≥ 2500	55.0	79.0	80.6	81.4	82.3	82.3	82.4	82.6	82.7	83.2	83.3	83.3	83.3	83.4	83.7	84.0
≥ 2000	55.9	81.7	83.3	84.2	85.1	85.1	85.2	85.3	85.4	86.0	86.1	86.1	86.1	86.2	86.4	86.8
≥ 1800	56.0	82.1	83.8	84.7	85.7	85.7	85.8	85.9	86.0	86.6	86.7	86.7	86.7	86.8	87.0	87.3
≥ 1500	56.3	83.3	85.1	86.0	87.0	87.0	87.1	87.2	87.3	87.9	88.1	88.1	88.1	88.2	88.4	88.8
≥ 1200	56.3	83.9	85.9	86.8	87.9	87.9	88.0	88.1	88.2	88.8	89.0	89.0	89.0	89.1	89.3	89.7
≥ 1000	56.4	84.4	86.4	87.6	89.0	89.0	89.1	89.2	89.3	90.0	90.2	90.2	90.2	90.3	90.6	90.9
≥ 900	56.8	85.1	87.1	88.2	89.7	89.7	89.8	89.9	90.0	90.7	90.9	90.9	90.9	91.0	91.2	91.6
≥ 800	56.9	85.8	87.8	88.9	90.6	90.6	90.7	90.8	90.9	91.6	91.8	91.9	91.9	92.0	92.2	92.6
≥ 700	56.9	85.9	87.9	89.2	90.9	90.9	91.0	91.3	91.4	92.1	92.3	92.4	92.4	92.6	92.8	93.1
≥ 600	56.9	86.3	88.3	89.7	91.4	91.4	91.7	92.1	92.2	93.0	93.2	93.3	93.3	93.4	93.7	94.0
≥ 500	56.9	87.2	89.6	91.3	93.3	93.3	94.0	94.4	94.6	95.3	95.6	95.7	95.7	95.8	96.1	96.4
≥ 400	56.9	87.3	89.8	91.7	93.8	94.1	94.8	95.4	95.9	96.8	97.0	97.1	97.1	97.2	97.6	97.9
≥ 300	56.9	87.3	89.8	91.7	93.8	94.2	95.0	95.8	96.3	97.2	97.4	97.6	97.6	97.7	98.1	98.4
≥ 200	56.9	87.3	89.8	91.7	93.8	94.2	95.0	95.8	96.4	97.3	97.6	97.7	98.1	98.2	98.7	99.1
≥ 100	56.9	87.3	89.8	91.7	93.8	94.2	95.0	95.8	96.4	97.3	97.6	97.7	98.1	98.2	98.7	99.4
≥ 0	56.9	87.3	89.8	91.7	93.8	94.2	95.0	95.8	96.4	97.3	97.6	97.7	98.1	98.2	98.7	99.4

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03930 LITTLE ROCK AFB AR

69-72

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS A ST

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	2½-16	¾	≥0
NO CEILING	38.2	51.0	52.0	52.4	53.3	53.6	53.7	54.0	54.0	54.2	54.6	54.8	54.9	54.9	55.2	55.6
≥ 20000	39.4	53.3	54.4	54.9	55.8	56.0	56.1	56.4	56.4	56.7	57.0	57.2	57.3	57.3	57.7	58.2
≥ 18000	39.4	53.3	54.4	54.9	55.8	56.0	56.1	56.4	56.4	56.7	57.0	57.2	57.3	57.3	57.7	58.2
≥ 16000	39.4	53.3	54.4	54.9	55.8	56.0	56.1	56.4	56.4	56.7	57.0	57.2	57.3	57.3	57.7	58.2
≥ 14000	39.4	53.3	54.4	54.9	55.8	56.0	56.1	56.4	56.4	56.7	57.0	57.2	57.3	57.3	57.7	58.2
≥ 12000	39.9	54.3	55.7	56.1	57.0	57.2	57.3	57.7	57.7	57.9	58.2	58.4	58.6	58.6	58.9	59.4
≥ 10000	40.6	55.4	56.6	57.0	57.9	58.1	58.3	58.7	58.7	58.9	59.2	59.4	59.6	59.6	59.9	60.4
≥ 9000	40.5	55.2	56.9	57.3	58.2	58.4	58.7	59.0	59.0	59.2	59.6	59.8	59.9	59.9	60.2	60.8
≥ 8000	41.2	56.4	58.1	58.7	59.9	60.1	60.3	60.7	60.7	60.9	61.2	61.4	61.6	61.6	61.9	62.4
≥ 7000	42.3	58.2	59.4	60.0	61.2	61.4	61.7	62.0	62.0	62.2	62.6	62.8	62.9	62.9	63.2	63.8
≥ 6000	43.9	60.1	61.3	61.9	63.1	63.3	63.6	63.9	63.9	64.1	64.4	64.7	64.8	64.8	65.1	65.7
≥ 5000	45.0	62.9	64.1	64.7	65.9	66.1	66.4	66.8	66.8	67.0	67.3	67.6	67.7	67.7	68.0	68.6
≥ 4500	45.6	64.7	65.9	66.5	67.8	68.0	68.4	68.8	68.9	69.1	69.4	69.7	69.8	69.8	70.1	70.7
≥ 4000	45.7	65.3	67.0	67.7	69.2	69.4	70.1	70.4	70.6	70.8	71.2	71.4	71.6	71.6	71.9	72.4
≥ 3500	46.2	66.9	68.3	69.0	70.6	70.9	71.6	71.9	72.0	72.2	72.7	72.9	73.0	73.0	73.3	73.9
≥ 3000	47.2	68.1	69.6	70.4	72.0	72.3	73.0	73.3	73.4	73.7	74.1	74.3	74.4	74.4	74.8	75.3
≥ 2500	50.0	71.9	73.4	74.3	75.9	76.2	76.9	77.2	77.3	77.6	78.0	78.2	78.3	78.3	78.7	79.2
≥ 2000	50.9	74.5	76.1	77.0	78.6	79.1	79.8	80.1	80.2	80.4	80.9	81.1	81.2	81.2	81.6	82.1
≥ 1800	51.1	75.2	76.8	77.9	79.6	80.2	81.1	81.4	81.6	81.8	82.2	82.4	82.6	82.6	82.9	83.4
≥ 1500	52.4	78.8	80.8	82.0	83.7	84.3	85.2	85.6	85.7	85.9	86.3	86.6	86.7	86.7	87.0	87.6
≥ 1200	52.6	79.4	81.6	82.9	84.6	85.2	86.1	86.4	86.6	86.8	87.2	87.4	87.6	87.6	87.9	88.4
≥ 1000	52.9	80.3	82.4	83.8	85.8	86.4	87.6	87.9	88.0	88.2	88.8	89.0	89.1	89.1	89.4	90.0
≥ 900	52.9	80.7	82.9	84.2	86.2	86.9	88.1	88.4	88.6	88.8	89.3	89.6	89.7	89.7	90.0	90.6
≥ 800	52.9	80.9	83.1	84.7	86.7	87.3	88.6	88.9	89.0	89.2	89.6	90.1	90.2	90.2	90.6	91.1
≥ 700	53.0	81.2	83.4	85.1	87.6	88.2	89.6	89.9	90.0	90.2	90.8	91.1	91.2	91.2	91.6	92.1
≥ 600	53.0	81.4	83.7	85.4	88.1	88.8	90.1	90.6	90.7	90.9	91.4	91.8	91.9	91.9	92.2	92.8
≥ 500	53.3	82.3	84.7	86.6	89.9	90.5	91.9	92.4	92.6	92.9	93.6	93.9	94.1	94.1	94.4	95.0
≥ 400	53.4	82.4	85.1	87.0	90.8	91.4	93.1	93.7	94.0	94.4	95.1	95.4	95.7	95.7	96.0	96.6
≥ 300	53.4	82.4	85.1	87.0	90.9	91.6	93.4	94.1	94.4	94.9	95.6	95.9	96.1	96.1	96.8	97.4
≥ 200	53.4	82.4	85.2	87.1	91.0	91.7	93.8	94.6	94.9	95.4	96.4	96.8	97.0	97.0	97.7	98.4
≥ 100	53.4	82.4	85.2	87.1	91.0	91.7	93.8	94.6	94.9	95.4	96.4	96.8	97.2	97.3	98.1	99.0
≥ 0	53.4	82.4	85.2	87.1	91.0	91.7	93.8	94.6	94.9	95.4	96.4	96.8	97.2	97.3	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING STATION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION LITTLE ROCK AFB A

69-72

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0600  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	32.6	42.6	44.1	45.0	45.3	45.6	47.4	48.0	48.1	48.4	48.4	48.4	48.7	48.7	48.8	49.0
≥ 20000	34.4	45.7	46.7	47.6	48.9	49.1	50.2	50.6	50.7	51.0	51.0	51.0	51.2	51.2	51.4	51.7
≥ 18000	34.5	45.7	47.0	47.9	48.2	48.4	50.3	50.9	51.0	51.3	51.3	51.3	51.6	51.6	51.8	52.0
≥ 16000	34.5	45.7	47.0	47.9	48.2	48.4	50.3	50.9	51.0	51.3	51.3	51.3	51.6	51.6	51.8	52.0
≥ 14000	35.1	46.2	47.3	48.4	48.8	49.0	50.9	51.4	51.6	51.9	51.9	51.9	52.1	52.1	52.3	52.6
≥ 12000	35.6	47.6	49.0	49.9	51.2	51.4	52.3	52.9	53.7	53.3	53.3	53.3	53.6	53.6	53.8	54.0
≥ 10000	36.7	48.9	50.0	51.2	52.6	52.8	53.7	54.2	54.3	54.7	54.7	54.7	54.9	54.9	55.2	55.4
≥ 9000	36.8	49.1	50.4	51.4	52.8	53.0	53.9	54.4	54.6	54.9	54.9	54.9	55.1	55.1	55.4	55.7
≥ 8000	37.0	51.0	52.0	53.7	55.1	55.3	56.2	56.8	56.9	57.2	57.2	57.2	57.4	57.4	57.8	58.1
≥ 7000	38.9	53.0	54.4	55.7	57.1	57.3	58.2	58.8	58.9	59.2	59.2	59.2	59.4	59.4	59.8	60.1
≥ 6000	40.5	55.8	57.0	58.6	60.0	60.2	61.2	61.8	61.9	62.3	62.3	62.3	62.6	62.6	62.9	63.2
≥ 5000	41.6	56.3	57.5	59.7	61.2	61.4	62.4	63.0	63.1	63.6	63.6	63.6	63.8	63.8	64.1	64.4
≥ 4500	42.7	59.0	60.8	62.4	64.1	64.3	65.3	65.9	66.0	66.4	66.4	66.4	66.7	66.7	67.0	67.3
≥ 4000	43.6	60.7	62.0	63.9	65.9	66.1	67.2	67.8	67.9	68.3	68.3	68.3	68.6	68.6	68.9	69.2
≥ 3500	43.0	60.5	62.0	63.7	64.6	66.8	67.0	68.2	68.8	68.9	69.3	69.3	69.3	69.6	69.6	69.9
≥ 3000	44.2	62.7	64.4	66.3	66.8	69.0	70.2	70.8	70.9	71.3	71.3	71.3	71.6	71.6	71.9	72.2
≥ 2500	46.0	64.6	66.0	68.0	68.9	71.4	71.7	72.9	73.4	73.6	74.1	74.1	74.1	74.3	74.8	75.1
≥ 2000	48.4	68.2	70.2	72.2	74.8	75.0	76.6	77.1	77.3	77.9	77.9	77.9	78.1	78.1	78.6	78.9
≥ 1800	48.9	69.1	71.1	73.1	75.7	75.9	77.8	78.3	78.6	79.1	79.1	79.1	79.3	79.3	79.8	80.1
≥ 1500	50.3	72.0	74.7	77.0	79.6	80.0	81.9	82.7	82.9	83.4	83.4	83.4	83.7	83.7	84.1	84.4
≥ 1200	50.6	72.6	75.7	78.1	80.8	81.2	83.3	84.1	84.3	85.0	85.0	85.0	85.2	85.2	85.7	86.0
≥ 1000	51.0	73.6	76.6	79.4	82.9	83.4	85.8	86.6	86.8	87.4	87.4	87.4	87.7	87.7	88.1	88.4
≥ 900	51.1	73.7	76.6	79.7	83.1	83.7	86.0	86.8	87.1	87.8	87.8	87.8	88.0	88.0	88.4	88.8
≥ 800	51.2	74.1	77.7	80.8	84.7	85.4	87.8	88.7	89.0	89.7	89.7	89.7	89.9	89.9	90.3	90.7
≥ 700	51.3	74.3	78.1	81.4	85.7	86.4	88.9	89.9	90.4	91.1	91.1	91.1	91.3	91.3	91.8	92.1
≥ 600	51.3	74.6	78.7	82.0	86.2	87.1	89.6	90.6	91.2	91.9	91.9	91.9	92.1	92.1	92.7	93.1
≥ 500	51.4	74.9	78.9	82.7	87.0	87.9	90.7	91.8	92.6	93.2	93.2	93.2	93.4	93.4	94.0	94.4
≥ 400	51.6	75.2	79.3	83.1	87.9	88.9	91.9	93.2	94.1	95.0	95.2	95.2	95.4	95.4	96.0	96.4
≥ 300	51.6	75.3	79.4	83.2	88.0	89.0	92.0	93.6	94.4	95.7	95.9	95.9	96.4	96.4	97.2	97.9
≥ 200	51.6	75.3	79.4	83.2	88.0	89.0	92.0	93.7	94.7	96.0	96.3	96.3	97.0	97.0	97.8	98.4
≥ 100	51.6	75.3	79.4	83.2	88.0	89.0	92.0	93.7	94.7	96.0	96.6	96.6	97.3	97.4	98.3	99.3
≥ 0	51.6	75.3	79.4	83.2	88.0	89.0	92.0	93.7	94.7	96.0	96.6	96.6	97.3	97.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING SECTION  
USAF ETAC  
AIR FORCE SERVICE/AFAC

# CEILING VERSUS VISIBILITY

STATION: LITTLE ROCK AFB A

69-78

NOV

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1968-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.0
NO CEILING	17.1	23.3	43.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 20000	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 18000	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 16000	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 14000	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 12000	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 10000	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 9000	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 8000	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 7000	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 6000	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 5000	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 4500	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 4000	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 3500	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 3000	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 2500	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 2000	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 1800	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 1500	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 1200	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 1000	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 900	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 800	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 700	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 600	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 500	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 400	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 300	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 200	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 100	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 0	29.1	41.4	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING SECTION  
USAF ETAC  
AFM 14-5 (OL A) SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION: LITTLE ROCK AFB AR

69-75

NOV

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO CEILING	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 20000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 18000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 16000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 14000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 12000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 10000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 9000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 8000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 7000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 6000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 5000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 4500	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 4000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 3500	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 3000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 2500	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 2000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 1800	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 1500	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 1200	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 1000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 900	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 800	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 750	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 600	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 500	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 400	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 300	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 200	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 100	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 0	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7

TOTAL NUMBER OF OBSERVATIONS 936

DATA PROCESSING BRANCH  
AFM 5700  
AFM 5700 SERVICE 1740

# CEILING VERSUS VISIBILITY

STATION LITTLE ROCK AFB A

09-70

YEARS

NOV  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.25	≥.2	≥.16	≥.1	≥0
NO CEILING	44.3	53.0	57.2	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 20000	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 18000	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 16000	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 14000	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 12000	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 10000	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 9000	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 8000	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 7000	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 6000	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 5000	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 4500	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 4000	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 3500	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 3000	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 2500	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 2000	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 1800	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 1500	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 1200	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 1000	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 900	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 800	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 700	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 600	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 500	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 400	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 300	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 200	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 100	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 0	47.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

STATION NAME  
LITTLE ROCK AFB AR

69-78

NOV  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	44.0	53.7	55.7	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6
≥20000	46.0	56.2	58.4	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9
≥18000	46.0	55.3	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥16000	46.0	55.3	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥14000	47.1	55.7	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3
≥12000	48.0	59.8	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4
≥10000	48.9	61.4	62.0	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.7	62.7	62.7	62.7	62.7	62.7
≥9000	49.2	62.1	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0
≥8000	49.9	64.1	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0
≥7000	51.2	65.7	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6
≥6000	54.4	71.2	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1
≥5000	55.7	72.7	73.0	73.2	73.7	73.7	73.7	73.7	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9
≥4500	55.7	74.4	74.4	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7
≥4000	57.7	75.8	76.4	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4
≥3500	57.7	77.8	78.4	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4
≥3000	58.3	80.9	81.5	82.2	82.7	82.7	82.7	82.9	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2
≥2500	58.2	84.6	85.2	86.0	86.4	86.4	86.4	86.8	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1
≥2000	58.4	85.8	86.6	87.7	88.4	88.4	88.4	88.8	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2
≥1800	58.4	85.8	86.7	87.8	88.6	88.6	88.6	88.9	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3
≥1500	58.4	86.9	87.7	88.9	89.0	89.0	89.0	89.6	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0
≥1200	58.5	87.3	88.4	89.9	91.1	91.1	91.2	91.7	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1
≥1000	58.7	88.7	89.9	91.3	92.7	92.7	92.8	93.2	93.4	93.6	93.9	93.9	93.9	93.9	93.9	93.9
≥900	58.7	89.0	90.2	91.7	93.0	93.2	93.4	93.9	94.1	94.2	94.6	94.6	94.6	94.6	94.6	94.6
≥800	58.7	89.3	90.6	92.2	93.6	93.8	94.0	94.4	94.7	94.8	95.1	95.1	95.1	95.1	95.1	95.1
≥700	58.7	89.7	91.0	92.7	94.3	94.6	94.8	95.2	95.4	95.6	95.9	95.9	95.9	95.9	95.9	95.9
≥600	58.7	89.9	91.3	93.0	94.9	95.1	95.4	95.9	96.1	96.2	96.6	96.6	96.6	96.6	96.6	96.6
≥500	58.7	90.1	91.9	93.6	95.7	95.9	96.4	97.0	97.3	97.4	97.8	97.8	97.8	97.8	97.8	97.8
≥400	58.7	90.1	91.9	93.6	95.7	95.9	96.6	97.3	97.7	97.9	98.2	98.2	98.2	98.2	98.2	98.2
≥300	58.7	90.2	92.0	93.7	95.9	96.1	97.2	98.0	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0
≥200	58.7	90.2	92.0	93.7	96.0	96.2	97.4	98.2	98.8	99.0	99.7	99.8	99.8	99.8	99.8	99.8
≥100	58.7	90.2	92.0	93.7	96.0	96.2	97.4	98.2	98.8	99.0	99.7	99.8	99.8	99.8	99.8	99.8
≥0	58.7	90.2	92.0	93.7	96.0	96.2	97.4	98.2	98.8	99.0	99.7	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 17720 LITTLE ROCK AFB AR STATION NAME

5-9-78 YEARS

NOV MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.25	≥.15	≥.10	≥.05	≥0
NO CEILING	44.3	55.1	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.8	55.8	55.8	55.9
≥ 20000	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9
≥ 18000	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9
≥ 16000	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9
≥ 14000	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9
≥ 12000	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9
≥ 10000	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9
≥ 9000	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9
≥ 8000	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9
≥ 7000	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9
≥ 6000	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9
≥ 5000	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9
≥ 4500	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9
≥ 4000	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9
≥ 3500	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9
≥ 3000	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9
≥ 2500	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9
≥ 2000	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9
≥ 1800	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9
≥ 1500	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9
≥ 1200	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9
≥ 1000	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9
≥ 900	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9
≥ 800	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9
≥ 700	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9
≥ 600	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9
≥ 500	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9
≥ 400	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9
≥ 300	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9
≥ 200	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9
≥ 100	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9
≥ 0	46.7	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION LITTLE ROCK AFB A

YEARS 69-70

MONTH NOV

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS EST

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2+	≥2	≥1+	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥0
NO CEILING	40.6	51.0	51.0	51.8	52.2	52.3	52.4	52.5	52.5	52.7	52.7	52.8	52.8	52.9	52.9	53.1	
≥ 20000	42.5	54.2	54.2	55.0	55.4	55.5	55.6	55.7	55.8	55.9	56.0	56.0	56.1	56.1	56.2	56.3	
≥ 18000	42.5	54.3	54.3	55.2	55.5	55.6	55.7	55.8	55.9	56.0	56.1	56.1	56.2	56.2	56.3	56.5	
≥ 16000	42.6	54.3	54.3	55.2	55.5	55.6	55.7	55.8	55.9	56.0	56.1	56.1	56.2	56.2	56.3	56.5	
≥ 14000	42.7	54.3	55.2	55.5	55.9	55.9	56.1	56.2	56.2	56.3	56.4	56.4	56.5	56.5	56.6	56.8	
≥ 12000	43.5	55.9	56.7	56.9	57.3	57.3	57.5	57.6	57.6	57.7	57.8	57.8	57.9	57.9	58.0	58.2	
≥ 10000	44.4	57.5	58.2	58.5	58.9	59.0	59.1	59.3	59.3	59.4	59.5	59.5	59.6	59.6	59.7	59.9	
≥ 9000	44.6	57.9	58.5	58.9	59.2	59.3	59.5	59.6	59.6	59.8	59.8	59.9	60.0	60.0	60.1	60.2	
≥ 8000	45.6	58.9	59.2	61.1	61.6	61.6	61.8	61.9	61.9	62.1	62.1	62.2	62.3	62.3	62.4	62.5	
≥ 7000	46.3	61.3	62.3	62.7	63.2	63.2	63.4	63.5	63.5	63.7	63.7	63.8	63.8	63.9	64.0	64.1	
≥ 6000	47.7	64.4	65.2	65.6	66.1	66.2	66.3	66.4	66.5	66.6	66.7	66.7	66.8	66.8	66.9	67.1	
≥ 5000	49.8	66.4	67.3	67.8	68.4	68.5	68.6	68.6	68.8	68.9	69.0	69.1	69.1	69.2	69.3	69.4	
≥ 4500	51.0	68.3	69.2	69.8	70.4	70.4	70.6	70.7	70.8	70.9	71.0	71.1	71.1	71.2	71.3	71.4	
≥ 4000	51.9	69.6	70.5	71.2	71.8	71.9	72.2	72.3	72.3	72.5	72.6	72.6	72.7	72.7	72.8	73.0	
≥ 3500	53.0	71.3	72.3	72.9	73.7	73.8	74.0	74.2	74.3	74.4	74.5	74.6	74.6	74.7	74.8	74.9	
≥ 3000	54.7	73.9	75.0	75.7	76.5	76.6	76.9	77.1	77.2	77.3	77.4	77.5	77.5	77.6	77.7	77.8	
≥ 2500	56.8	77.3	78.4	79.2	80.1	80.2	80.5	80.7	80.8	80.9	81.0	81.1	81.2	81.2	81.3	81.5	
≥ 2000	59.1	80.1	81.3	82.1	83.1	83.2	83.5	83.6	83.9	84.1	84.2	84.2	84.3	84.3	84.4	84.6	
≥ 1800	58.3	80.6	81.7	82.7	83.7	83.8	84.2	84.4	84.5	84.8	84.8	84.9	85.0	85.0	85.1	85.3	
≥ 1500	59.0	82.3	83.8	84.8	85.9	86.1	86.5	86.8	86.9	87.1	87.2	87.3	87.3	87.4	87.5	87.7	
≥ 1200	59.3	83.2	85.0	86.0	87.2	87.4	87.8	88.1	88.3	88.5	88.6	88.6	88.7	88.7	88.9	89.0	
≥ 1000	59.6	84.1	86.0	87.2	88.7	88.9	89.4	89.8	89.9	90.2	90.3	90.3	90.4	90.5	90.6	90.8	
≥ 900	59.7	84.6	86.6	87.8	89.3	89.6	90.1	90.5	90.7	90.9	91.1	91.1	91.2	91.2	91.3	91.5	
≥ 800	59.7	85.0	87.1	88.4	90.1	90.5	91.1	91.5	91.6	91.9	92.1	92.1	92.2	92.2	92.3	92.5	
≥ 700	59.8	85.3	87.5	89.0	90.9	91.3	92.0	92.5	92.7	93.0	93.2	93.2	93.3	93.3	93.5	93.6	
≥ 600	59.8	85.5	87.8	89.5	91.6	92.0	92.8	93.4	93.6	93.9	94.1	94.2	94.3	94.3	94.4	94.6	
≥ 500	59.9	86.0	88.6	90.5	92.9	93.3	94.3	95.1	95.4	95.7	95.9	96.0	96.1	96.1	96.3	96.5	
≥ 400	59.9	86.2	88.8	90.8	93.4	94.0	95.1	96.0	96.4	97.0	97.3	97.3	97.4	97.4	97.6	97.8	
≥ 300	59.9	86.2	88.8	90.9	93.5	94.1	95.4	96.4	97.0	97.6	98.0	98.1	98.2	98.3	98.5	98.8	
≥ 200	59.9	86.2	88.8	90.9	93.5	94.1	95.5	96.5	97.2	97.9	98.3	98.4	98.7	98.7	99.0	99.3	
≥ 100	59.9	86.2	88.8	90.9	93.5	94.1	95.5	96.5	97.2	97.9	98.4	98.5	98.8	98.8	99.2	99.6	
≥ 0	59.9	86.2	88.8	90.9	93.5	94.1	95.5	96.5	97.2	97.9	98.4	98.5	98.8	98.8	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 7200

DATA FLOODING LEACH  
USAF ETAC  
ATTN: WEATHER SERVICE/VAL

# CEILING VERSUS VISIBILITY

70  
STATION

LITTLE ROCK AFB AR  
STATION NAME

69-73  
YEARS

DEC  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS LST

CEILING FEET	VISIBILITY - STATUTE MILES-															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	51.5	52.4	52.4	52.9	53.1	53.1	53.1	53.1	53.1	53.2	53.4	53.4	53.5	53.5	53.5	53.8
≥ 20000	53.1	55.2	55.4	55.7	55.9	55.9	55.9	55.9	55.9	56.0	56.2	56.2	56.3	56.3	56.3	56.6
≥ 18000	53.1	55.2	55.4	55.7	55.9	55.9	55.9	55.9	55.9	56.0	56.2	56.2	56.3	56.3	56.3	56.6
≥ 16000	53.2	55.3	55.5	55.8	56.0	56.0	56.0	56.0	56.0	56.1	56.3	56.3	56.5	56.5	56.5	56.7
≥ 14000	53.3	55.5	56.1	56.5	56.7	56.7	56.7	56.7	56.7	56.8	57.0	57.0	57.1	57.1	57.1	57.3
≥ 12000	54.1	56.6	56.6	57.1	57.3	57.3	57.3	57.3	57.3	57.4	57.6	57.6	57.7	57.7	57.7	58.0
≥ 10000	45.5	58.5	59.7	59.4	59.6	59.6	59.6	59.6	59.6	59.7	59.9	59.9	60.0	60.0	60.0	60.2
≥ 9000	45.7	59.1	59.4	59.8	60.0	60.0	60.0	60.0	60.0	60.1	60.3	60.3	60.4	60.4	60.4	60.6
≥ 8000	46.2	60.5	61.1	61.5	61.8	61.8	61.8	61.8	61.8	61.9	62.2	62.2	62.3	62.3	62.3	62.5
≥ 7000	47.0	62.0	62.3	62.7	63.0	63.0	63.0	63.0	63.0	63.1	63.3	63.3	63.4	63.4	63.4	63.7
≥ 6000	47.5	62.8	63.0	63.4	63.9	63.9	63.9	63.9	63.9	64.0	64.2	64.2	64.3	64.3	64.3	64.5
≥ 5000	48.2	64.1	64.5	65.1	65.5	65.5	65.5	65.5	65.5	65.6	65.8	65.8	65.9	65.9	65.9	66.1
≥ 4500	49.2	65.1	65.6	67.1	67.6	67.6	67.6	67.6	67.6	67.7	68.0	68.0	68.1	68.1	68.1	68.3
≥ 4000	49.6	66.5	67.4	68.0	68.5	68.5	68.5	68.5	68.5	68.6	68.8	68.8	68.9	68.9	68.9	69.1
≥ 3500	50.5	69.6	69.6	70.1	70.6	70.6	70.6	70.6	70.6	70.8	71.0	71.0	71.1	71.1	71.1	71.3
≥ 3000	51.7	70.8	71.5	71.9	72.7	72.7	72.7	72.7	72.7	72.8	73.0	73.0	73.1	73.1	73.1	73.3
≥ 2500	52.4	72.8	73.2	73.9	75.1	75.1	75.1	75.1	75.1	75.2	75.4	75.4	75.5	75.5	75.5	75.7
≥ 2000	53.3	74.3	75.7	75.9	77.1	77.1	77.1	77.2	77.2	77.3	77.5	77.5	77.6	77.6	77.6	77.8
≥ 1800	54.0	75.5	76.2	77.1	78.3	78.3	78.3	78.4	78.4	78.5	78.7	78.7	78.8	78.8	78.8	79.0
≥ 1500	55.4	78.7	79.1	79.9	81.2	81.2	81.2	81.3	81.3	81.4	81.6	81.6	81.7	81.7	81.7	81.9
≥ 1200	55.7	78.4	79.5	80.5	82.0	82.0	82.2	82.3	82.3	82.4	82.6	82.6	82.7	82.7	82.7	82.9
≥ 1000	56.3	80.1	81.7	82.6	84.2	84.2	84.4	84.5	84.5	84.6	84.8	84.8	85.1	85.1	85.1	85.3
≥ 900	57.0	81.3	83.1	84.0	85.7	85.8	86.2	86.3	86.3	86.5	86.7	86.7	86.9	86.9	86.9	87.1
≥ 800	57.6	82.4	84.2	85.1	86.9	87.0	87.5	87.6	87.6	87.7	88.0	88.0	88.2	88.2	88.2	88.4
≥ 700	57.7	82.7	84.7	85.8	87.8	88.0	88.6	88.7	88.7	88.8	89.0	89.0	89.2	89.2	89.2	89.5
≥ 600	57.7	83.3	85.4	86.5	88.9	89.0	89.8	89.9	89.9	90.0	90.2	90.2	90.4	90.4	90.4	90.6
≥ 500	57.8	83.3	85.9	87.1	89.8	90.1	91.3	91.6	91.6	91.7	91.9	91.9	92.2	92.2	92.2	92.4
≥ 400	57.8	83.8	85.9	87.1	90.8	91.1	92.8	93.1	93.2	93.3	93.5	93.5	93.8	93.8	93.8	94.0
≥ 300	57.8	83.8	85.9	87.2	91.5	92.0	94.0	94.7	95.5	95.7	95.9	95.9	96.2	96.2	96.2	96.7
≥ 200	57.8	83.8	85.9	87.3	91.6	92.2	94.3	95.2	96.3	96.8	97.3	97.3	97.6	97.6	97.6	98.1
≥ 100	57.8	83.8	85.9	87.3	91.6	92.2	94.3	95.2	96.3	96.9	97.8	97.8	98.3	98.3	98.6	99.0
≥ 0	57.8	83.8	85.9	87.3	91.6	92.2	94.3	95.2	96.3	96.9	97.8	97.8	98.3	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
ATTN: AF/T-55 SERVICE/440

# CEILING VERSUS VISIBILITY

STATION: LITTLE ROCK AFB AR

69-78

SEC  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.75	≥1.5	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	37.3	50.1	55.5	50.8	51.0	51.0	51.0	51.1	51.1	51.1	51.2	51.2	51.2	51.3	51.4	51.5
≥ 20000	39.9	51.3	52.2	52.5	52.7	52.7	52.7	52.8	52.8	52.8	52.9	52.9	52.9	53.0	53.1	53.2
IV 18000	39.9	51.3	52.2	52.5	52.7	52.7	52.7	52.8	52.8	52.8	52.9	52.9	52.9	53.0	53.1	53.2
IV 16000	39.9	51.3	52.2	52.5	52.7	52.7	52.7	52.8	52.8	52.8	52.9	52.9	52.9	53.0	53.1	53.2
IV 14000	40.4	53.1	54.2	54.4	54.6	54.6	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.9	55.1	55.2
IV 12000	41.2	54.0	55.3	55.5	55.7	55.7	55.7	55.8	55.8	55.8	55.9	55.9	55.9	56.0	56.1	56.2
IV 10000	42.2	55.5	56.1	57.1	57.3	57.3	57.3	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.7	57.8
IV 9000	42.2	55.5	56.1	57.1	57.3	57.3	57.3	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.7	57.8
IV 8000	43.1	57.4	58.1	59.1	59.8	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.1	60.2	60.3
IV 7000	44.0	59.3	59.4	60.2	60.9	60.9	60.9	61.0	61.0	61.0	61.1	61.1	61.1	61.2	61.3	61.4
IV 6000	44.7	61.1	61.1	61.8	62.5	62.7	62.7	62.8	62.8	62.8	62.9	62.9	62.9	63.0	63.1	63.2
IV 5000	45.4	61.9	62.4	62.8	63.4	63.7	63.7	63.8	63.8	63.8	63.9	63.9	63.9	64.0	64.1	64.2
IV 4500	46.1	63.3	64.1	64.3	64.9	65.2	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.6	65.7	65.8
IV 4000	47.0	64.3	65.5	65.8	66.5	66.7	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.1	67.2	67.3
IV 3500	47.3	65.9	66.5	67.2	68.1	68.3	68.4	68.5	68.5	68.5	68.6	68.6	68.6	68.7	68.8	68.9
IV 3000	48.6	68.2	69.1	69.5	70.3	70.5	70.6	70.8	70.8	70.8	70.9	70.9	70.9	71.0	71.1	71.2
IV 2500	49.2	70.9	71.1	71.4	72.3	72.5	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.1	73.2	73.3
IV 2000	50.4	72.3	73.4	74.0	74.9	75.2	75.5	75.6	75.7	75.7	75.8	75.8	75.8	75.9	76.0	76.1
IV 1800	50.4	73.4	74.7	75.3	76.2	76.5	76.8	76.9	77.0	77.0	77.1	77.1	77.1	77.2	77.3	77.4
IV 1500	52.4	75.9	77.4	78.1	79.0	79.6	80.0	80.1	80.2	80.3	80.4	80.4	80.4	80.5	80.6	80.8
IV 1200	53.5	78.1	79.1	80.4	81.4	81.9	82.4	82.5	82.6	82.7	82.8	82.8	82.8	82.9	83.0	83.1
IV 1000	55.1	80.1	81.6	82.5	83.4	84.0	84.4	84.5	84.6	84.7	84.8	84.8	84.8	84.9	85.1	85.2
IV 900	55.3	80.6	82.5	83.3	84.3	84.8	85.3	85.4	85.5	85.6	85.7	85.7	85.7	85.8	85.9	86.0
IV 800	55.5	81.5	83.5	84.4	85.4	85.9	86.3	86.5	86.6	86.7	86.8	86.8	86.8	86.9	87.0	87.1
IV 700	55.6	82.1	84.2	85.2	86.8	87.3	88.1	88.4	88.7	88.8	88.9	88.9	88.9	89.0	89.1	89.2
IV 600	55.6	82.5	84.7	85.7	87.6	88.2	88.9	89.2	89.6	89.7	89.8	89.8	89.8	89.9	90.0	90.1
IV 500	55.6	83.0	85.4	86.3	88.4	89.0	90.2	90.8	91.1	91.2	91.3	91.3	91.3	91.4	91.5	91.6
IV 400	55.6	83.1	85.7	86.8	89.1	89.3	91.8	92.5	92.8	92.9	93.0	93.0	93.1	93.2	93.3	93.4
IV 300	55.6	83.1	85.7	86.8	89.2	89.9	92.6	93.7	94.2	94.7	94.8	94.8	94.9	95.1	95.2	95.5
IV 200	55.6	83.1	85.7	86.8	89.2	90.0	92.8	94.3	95.3	96.1	96.3	96.3	96.6	96.8	96.9	97.2
IV 100	55.6	83.1	85.7	86.8	89.2	90.0	92.8	94.3	95.3	96.1	96.7	96.7	97.0	97.3	97.8	98.8
IV 0	55.6	83.1	85.7	86.8	89.2	90.0	92.8	94.3	95.3	96.1	96.7	96.7	97.0	97.3	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PREVIOUSLY IN ANCH  
USAF ETAC  
AFM WEATHER SERVICE/MAL

# CEILING VERSUS VISIBILITY

STATION LITTLE ROCK AFB AR

YEARS 59-78

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-2800  
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	45.2	46.2	46.4	47.0	47.5	47.7	48.0	48.2	48.1	48.1	48.1	48.1	48.2	48.2	48.3	48.4
≥ 20000	45.2	46.2	46.4	47.0	47.5	47.7	48.0	48.2	48.1	48.1	48.1	48.1	48.2	48.2	48.3	48.4
≥ 18000	45.2	46.4	46.4	46.9	47.7	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.5
≥ 16000	45.2	46.4	46.4	46.9	47.7	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.5
≥ 14000	45.2	46.4	46.4	46.9	47.7	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.5
≥ 12000	45.2	46.4	46.4	46.9	47.7	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.5
≥ 10000	45.2	46.4	46.4	46.9	47.7	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.5
≥ 9000	45.2	46.4	46.4	46.9	47.7	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.5
≥ 8000	45.2	46.4	46.4	46.9	47.7	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.5
≥ 7000	45.2	46.4	46.4	46.9	47.7	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.5
≥ 6000	45.2	46.4	46.4	46.9	47.7	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.5
≥ 5000	45.2	46.4	46.4	46.9	47.7	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.5
≥ 4500	45.2	46.4	46.4	46.9	47.7	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.5
≥ 4000	45.2	46.4	46.4	46.9	47.7	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.5
≥ 3500	45.2	46.4	46.4	46.9	47.7	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.5
≥ 3000	45.2	46.4	46.4	46.9	47.7	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.5
≥ 2500	45.2	46.4	46.4	46.9	47.7	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.5
≥ 2000	45.2	46.4	46.4	46.9	47.7	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.5
≥ 1800	45.2	46.4	46.4	46.9	47.7	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.5
≥ 1500	45.2	46.4	46.4	46.9	47.7	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.5
≥ 1200	45.2	46.4	46.4	46.9	47.7	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.5
≥ 1000	45.2	46.4	46.4	46.9	47.7	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.5
≥ 900	45.2	46.4	46.4	46.9	47.7	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.5
≥ 800	45.2	46.4	46.4	46.9	47.7	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.5
≥ 700	45.2	46.4	46.4	46.9	47.7	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.5
≥ 600	45.2	46.4	46.4	46.9	47.7	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.5
≥ 500	45.2	46.4	46.4	46.9	47.7	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.5
≥ 400	45.2	46.4	46.4	46.9	47.7	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.5
≥ 300	45.2	46.4	46.4	46.9	47.7	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.5
≥ 200	45.2	46.4	46.4	46.9	47.7	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.5
≥ 100	45.2	46.4	46.4	46.9	47.7	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.5
≥ 0	45.2	46.4	46.4	46.9	47.7	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.5

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03930 LITTLE ROCK AFB AR

69-78

DEC

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS - 157

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	34.9	43.4	43.8	43.5	43.7	43.8	43.9	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.2
≥ 20000	36.9	45.5	45.8	45.6	45.7	45.8	45.9	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.2
≥ 18000	36.0	45.6	45.7	45.7	45.8	45.9	46.0	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.3
≥ 16000	37.1	45.0	45.1	46.0	45.1	46.2	46.3	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.7
≥ 14000	37.6	46.5	46.6	46.6	46.7	46.8	46.9	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.2
≥ 12000	38.7	47.5	47.6	47.6	47.7	47.8	48.0	48.1	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.4
≥ 10000	41.0	50.1	50.2	50.2	50.3	50.4	50.5	50.6	50.8	50.9	50.9	50.9	50.9	50.9	50.9	51.0
≥ 9000	41.0	50.8	50.9	50.9	51.0	51.1	51.2	51.3	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.6
≥ 8000	42.7	52.8	53.0	53.1	53.2	53.3	53.5	53.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9	54.0
≥ 7000	43.8	54.2	54.5	54.6	54.7	54.8	55.1	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.5
≥ 6000	44.5	55.3	55.6	55.7	55.8	55.9	56.1	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.6
≥ 5000	45.2	56.2	56.7	56.8	57.3	57.5	57.7	57.8	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.2
≥ 4500	46.1	58.1	58.5	58.8	59.4	59.6	59.8	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.2
≥ 4000	47.3	60.0	60.8	60.9	61.5	61.8	62.0	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.5
≥ 3500	47.6	60.8	61.2	61.6	62.3	62.6	62.8	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.2
≥ 3000	48.6	63.3	63.9	64.2	64.9	65.3	65.5	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.9
≥ 2500	49.9	65.9	66.5	66.8	67.5	67.8	68.1	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.5
≥ 2000	51.3	69.4	70.0	70.3	71.1	71.4	71.8	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.5
≥ 1800	51.7	70.1	70.9	71.1	71.9	72.3	72.7	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.3
≥ 1500	54.0	73.1	73.9	74.4	75.6	76.1	76.7	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.4
≥ 1200	54.4	74.5	75.5	76.1	77.5	78.2	78.7	79.1	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.6
≥ 1000	54.5	75.3	77.1	77.8	79.5	80.0	80.6	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.5
≥ 900	54.9	76.3	78.4	79.2	81.1	81.6	82.3	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.1
≥ 800	55.5	77.8	80.2	81.2	83.2	84.0	84.7	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.7
≥ 700	55.6	78.0	80.5	81.7	84.1	84.9	86.0	86.7	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.3
≥ 600	55.7	78.7	81.5	83.0	85.6	86.6	88.1	88.7	89.0	89.1	89.2	89.2	89.2	89.2	89.4	89.5
≥ 500	55.7	79.4	82.6	84.2	87.6	88.9	90.8	91.5	92.0	92.3	92.4	92.4	92.4	92.5	92.5	92.6
≥ 400	55.8	79.7	83.0	84.6	88.1	89.7	92.3	93.3	94.1	94.3	94.6	94.6	94.6	94.8	94.8	95.1
≥ 300	55.8	79.7	83.2	84.8	88.5	90.3	93.3	94.7	95.5	95.8	96.6	96.6	96.7	96.9	96.9	97.1
≥ 200	55.8	79.7	83.2	84.8	88.7	90.5	93.5	95.2	95.9	96.5	97.2	97.2	97.4	98.0	98.4	98.6
≥ 100	55.8	79.7	83.2	84.8	88.7	90.5	93.5	95.2	95.9	96.6	97.3	97.4	97.8	98.5	99.5	99.8
≥ 0	55.8	79.7	83.2	84.8	88.7	90.5	93.5	95.2	95.9	96.6	97.3	97.4	97.8	98.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03930  
STATION

LITTLE ROCK AFB AR  
STATION NAME

69-78  
YEARS

LEC  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5-16	≥½
NO CEILING	41.4	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 20000	43.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 18000	43.5	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 16000	44.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 14000	44.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 12000	45.0	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 10000	48.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 9000	48.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 8000	49.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 7000	51.3	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 6000	51.7	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 5000	52.2	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 4500	52.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 4000	53.1	63.1	63.5	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 3500	54.5	64.6	65.1	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 3000	55.9	67.0	67.5	67.8	68.0	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 2500	57.5	70.0	70.5	70.9	71.1	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 2000	59.8	73.7	74.4	74.7	75.3	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 1800	60.1	74.1	74.9	75.3	75.8	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 1500	61.5	77.3	78.3	78.6	79.2	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 1200	62.2	78.5	79.8	80.1	80.8	81.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 1000	62.4	80.9	82.4	82.7	83.8	84.0	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 900	62.6	81.6	83.1	83.4	84.5	84.7	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 800	63.2	82.6	84.3	84.7	86.1	86.3	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 700	63.2	82.8	84.8	85.4	87.0	87.4	88.2	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0
≥ 600	63.2	83.1	85.3	85.8	88.0	88.4	89.4	90.2	90.5	90.8	90.9	90.9	90.9	90.9	90.9
≥ 500	63.5	84.0	86.3	87.2	89.7	90.2	91.4	92.5	93.0	93.3	93.4	93.4	93.4	93.4	93.4
≥ 400	63.7	84.5	87.0	88.0	90.8	91.3	92.9	94.1	94.8	95.4	95.5	95.5	95.5	95.5	95.5
≥ 300	63.8	84.9	87.5	88.5	91.4	92.0	94.3	95.9	97.1	97.8	98.0	98.0	98.0	98.2	98.3
≥ 200	63.8	84.9	87.5	88.5	91.5	92.2	94.6	96.3	97.6	98.5	98.7	98.7	98.7	98.9	99.2
≥ 100	63.8	84.9	87.5	88.5	91.5	92.2	94.7	96.5	97.7	98.6	98.9	98.9	98.9	99.1	99.7
≥ 0	63.8	84.9	87.5	88.5	91.5	92.2	94.7	96.5	97.7	98.6	98.9	98.9	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC

FORM  
201 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

C393C

LITTLE ROCK AFB AR

69-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS G.M.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	44.1	49.0	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 20000	47.7	54.2	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 18000	47.6	54.4	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 16000	46.3	54.6	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 14000	46.8	55.6	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 12000	50.1	57.3	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 10000	51.9	59.7	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 9000	52.3	60.0	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 8000	53.4	62.2	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 7000	54.0	63.0	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 6000	54.4	64.0	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 5000	55.5	65.8	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 4500	56.2	67.0	67.7	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 4000	57.1	68.4	69.1	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 3500	59.2	71.1	71.8	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 3000	60.0	72.3	73.1	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 2500	61.3	74.7	75.6	76.0	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 2000	62.8	78.1	78.9	79.6	79.9	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 1800	63.1	78.7	79.6	80.2	80.5	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1600	63.4	80.5	81.4	82.2	82.5	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1400	64.1	81.7	82.6	83.4	83.8	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1200	64.5	83.1	84.0	85.2	85.8	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1000	64.6	83.5	84.6	85.8	86.5	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 900	64.6	84.4	85.9	87.1	88.3	88.5	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 800	64.6	84.8	86.9	88.3	89.5	89.7	90.1	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 700	64.8	85.4	87.5	89.0	90.5	90.8	91.6	92.3	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7
≥ 600	64.8	85.7	88.1	89.9	91.9	92.3	93.1	94.1	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7
≥ 500	64.8	85.8	88.5	90.2	92.6	92.9	94.0	94.9	95.7	95.8	96.2	96.2	96.2	96.2	96.2	96.2
≥ 400	64.8	85.8	88.6	90.4	92.8	93.1	94.3	95.7	96.7	96.9	97.2	97.5	97.5	97.8	98.0	98.0
≥ 300	64.8	85.8	88.6	90.4	92.9	93.2	94.4	95.8	96.9	97.2	98.0	98.0	98.0	98.5	98.8	99.4
≥ 200	64.8	85.8	88.6	90.4	92.9	93.2	94.4	95.8	96.9	97.2	98.0	98.0	98.0	98.5	98.8	99.4
≥ 100	64.8	85.8	88.6	90.4	92.9	93.2	94.4	95.8	96.9	97.2	98.0	98.0	98.0	98.5	98.8	99.4
≥ 0	64.8	85.8	88.6	90.4	92.9	93.2	94.4	95.8	96.9	97.2	98.0	98.0	98.0	98.5	98.8	99.4

USAF ETAC

FORM 8-68

G-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

930

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

63930  
STATION

LITTLE ROCK AFB AP  
STATION NAME

69-73  
YEARS

DEC  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 20	≥ 10	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	42.9	50.8	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 20000	45.2	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 18000	45.2	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 16000	45.2	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 14000	46.2	55.7	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 12000	46.9	56.4	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 10000	49.5	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 9000	49.7	60.2	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 8000	49.7	61.3	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 7000	51.1	63.0	63.6	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 6000	51.7	63.8	64.4	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 5000	53.2	65.6	66.3	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 4000	55.5	68.4	69.1	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 3500	56.3	69.7	70.6	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 3000	57.9	71.7	72.7	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 2500	59.0	73.5	74.4	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 2000	60.7	76.5	77.5	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1800	61.9	79.1	80.0	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1600	61.9	79.5	80.5	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1400	62.4	81.0	82.1	82.5	83.0	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1200	62.9	82.2	83.4	83.8	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1000	63.3	83.4	84.7	85.1	85.9	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 900	63.5	83.8	85.3	85.9	86.6	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 800	63.8	84.9	86.6	87.3	88.3	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 700	63.8	85.0	87.2	88.1	89.3	89.5	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 600	63.8	85.0	87.2	88.3	89.6	90.0	90.0	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 500	63.9	85.3	87.6	88.8	90.5	90.8	91.4	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 400	64.0	85.9	88.5	89.8	91.7	92.1	93.1	94.7	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 300	64.0	86.1	88.6	90.2	92.4	93.0	94.3	96.3	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 200	64.0	86.1	88.8	90.2	92.4	93.0	94.4	96.4	97.5	97.8	98.2	98.2	98.3	98.3	98.5	98.8
≥ 100	64.0	86.1	88.8	90.2	92.4	93.0	94.4	96.4	97.6	98.2	98.5	98.5	98.7	98.7	99.4	99.8
≥ 0	64.0	86.1	88.8	90.2	92.4	93.0	94.4	96.4	97.6	98.2	98.5	98.5	98.7	98.7	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 927



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03930  
STATION

LITTLE ROCK AFB AR  
STATION NAME

69-78  
YEAR

DEC  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
DATA

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥1/16	≥0
NO CEILING	40.0	49.1	49.4	49.5	49.6	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.9	49.9	49.9	50.0
≥ 20000	42.0	52.1	52.3	52.5	52.6	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9	52.9	53.0
≥ 18000	42.0	52.2	52.4	52.6	52.7	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	53.0	53.0	53.1
≥ 16000	42.2	52.3	52.6	52.7	52.9	52.9	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.2	53.3
≥ 14000	42.9	53.2	53.5	53.6	53.8	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.1	54.1	54.2
≥ 12000	43.9	54.3	54.6	54.7	54.9	54.9	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.2	55.3
≥ 10000	45.7	56.7	57.0	57.2	57.3	57.4	57.4	57.4	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.7
≥ 9000	46.0	57.1	57.3	57.5	57.7	57.7	57.8	57.8	57.8	57.9	57.9	57.9	57.9	58.0	58.0	58.1
≥ 8000	46.8	58.9	59.2	59.4	59.7	59.7	59.8	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.1
≥ 7000	47.8	60.2	60.5	60.8	61.1	61.1	61.2	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.5
≥ 6000	49.5	61.2	61.7	61.9	62.2	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.6	62.6	62.7
≥ 5000	49.3	62.6	63.0	63.3	63.7	63.8	63.8	63.9	63.9	63.9	64.0	64.0	64.0	64.1	64.1	64.2
≥ 4500	50.4	64.3	64.9	65.2	65.6	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.1
≥ 4000	51.1	65.5	66.2	66.6	67.0	67.2	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.5	67.5	67.6
≥ 3500	52.2	67.1	67.8	68.2	68.7	68.8	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.2	69.2	69.3
≥ 3000	53.1	69.0	69.8	70.2	70.8	70.9	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.3	71.3	71.4
≥ 2500	54.3	71.4	72.2	72.7	73.4	73.5	73.7	73.7	73.8	73.8	73.9	73.9	73.9	73.9	74.0	74.1
≥ 2000	55.6	74.2	75.1	75.7	76.4	76.6	76.8	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.2	77.3
≥ 1800	56.1	75.0	75.9	76.5	77.3	77.5	77.7	77.8	77.9	77.9	78.0	78.0	78.0	78.0	78.1	78.2
≥ 1500	57.2	77.3	78.4	79.1	80.0	80.2	80.5	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.9	81.0
≥ 1200	57.8	78.5	79.8	80.5	81.5	81.8	82.1	82.2	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.6
≥ 1000	58.4	80.0	81.4	82.3	83.5	83.7	84.1	84.2	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.6
≥ 900	58.6	80.7	82.4	83.2	84.5	84.8	85.2	85.4	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.8
≥ 800	59.0	81.7	83.6	84.6	86.1	86.5	86.9	87.1	87.2	87.3	87.4	87.4	87.4	87.5	87.5	87.6
≥ 700	59.1	82.1	84.2	85.4	87.2	87.6	88.1	88.5	88.7	88.8	88.9	88.9	88.9	89.0	89.0	89.1
≥ 600	59.1	82.5	84.7	86.0	88.1	88.5	89.3	89.8	90.0	90.1	90.2	90.2	90.3	90.3	90.4	90.5
≥ 500	59.2	83.0	85.5	86.9	89.4	90.0	91.0	91.8	92.1	92.3	92.4	92.4	92.5	92.5	92.5	92.6
≥ 400	59.3	83.3	86.0	87.4	90.3	90.9	92.6	93.6	94.1	94.3	94.5	94.5	94.6	94.7	94.7	94.8
≥ 300	59.3	83.3	86.1	87.6	90.7	91.5	93.6	94.9	95.7	96.1	96.4	96.4	96.6	96.7	96.8	97.0
≥ 200	59.3	83.4	86.2	87.6	90.8	91.6	93.8	95.3	96.4	97.0	97.5	97.5	97.8	98.0	98.2	98.5
≥ 100	59.3	83.4	86.2	87.6	90.8	91.6	93.9	95.4	96.4	97.1	97.7	97.7	98.2	98.4	99.0	99.5
≥ 0	59.3	83.4	86.2	87.6	90.8	91.6	93.9	95.4	96.4	97.1	97.7	97.7	98.2	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS

7434

USAF ETAC

FORM 80-44

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5805

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03930 LITTLE ROCK AFB AP

69-78

ALL

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥8	≥6	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥0
NO CEILING	39.6	54.4	56.1	56.9	57.7	58.0	58.2	58.4	58.5	58.5	58.6	58.6	58.6	58.7	58.7	58.7	
≥ 20000	42.7	59.7	61.5	62.4	63.3	63.5	63.8	64.0	64.1	64.1	64.2	64.2	64.3	64.3	64.3	64.4	
≥ 18000	42.5	59.5	61.6	62.5	63.4	63.6	63.9	64.1	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.5	
≥ 16000	42.9	59.5	61.7	62.6	63.5	63.7	64.0	64.2	64.3	64.3	64.4	64.4	64.5	64.5	64.5	64.6	
≥ 14000	43.2	60.3	62.2	63.1	64.0	64.2	64.5	64.7	64.8	64.9	64.9	64.9	65.0	65.0	65.0	65.1	
≥ 12000	44.3	61.9	63.8	64.7	65.6	65.9	66.2	66.4	66.5	66.5	66.6	66.6	66.6	66.7	66.7	66.7	
≥ 10000	46.1	65.1	67.1	68.0	69.0	69.3	69.6	69.8	69.9	69.9	70.0	70.0	70.1	70.1	70.1	70.2	
≥ 9000	46.4	65.6	67.6	68.6	69.5	69.8	70.1	70.3	70.4	70.5	70.5	70.5	70.5	70.6	70.6	70.7	
≥ 8000	47.7	67.8	70.0	70.9	72.0	72.2	72.6	72.8	72.9	72.9	73.0	73.0	73.1	73.1	73.1	73.2	
≥ 7000	48.5	69.0	71.2	72.2	73.2	73.5	73.8	74.1	74.1	74.2	74.3	74.3	74.3	74.4	74.4	74.4	
≥ 6000	49.6	70.7	73.7	74.0	75.1	75.4	75.7	76.0	76.0	76.1	76.2	76.2	76.3	76.3	76.3	76.4	
≥ 5000	50.5	72.3	74.7	75.8	76.9	77.2	77.6	77.8	77.9	78.0	78.0	78.1	78.1	78.1	78.2	78.2	
≥ 4500	51.3	73.7	76.2	77.3	78.5	78.8	79.1	79.4	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.8	
≥ 4000	52.1	75.3	77.8	79.0	80.2	80.6	80.9	81.2	81.3	81.4	81.5	81.5	81.6	81.6	81.6	81.7	
≥ 3500	52.8	76.5	79.1	80.3	81.5	81.9	82.3	82.5	82.6	82.7	82.8	82.8	82.9	82.9	82.9	83.0	
≥ 3000	53.8	76.0	80.7	81.9	83.3	83.6	84.0	84.3	84.4	84.5	84.6	84.6	84.7	84.7	84.7	84.8	
≥ 2500	54.8	77.9	82.7	83.9	85.4	85.7	86.1	86.4	86.5	86.7	86.7	86.7	86.8	86.8	86.9	86.9	
≥ 2000	55.7	81.7	84.5	85.9	87.4	87.7	88.2	88.5	88.7	88.8	88.9	88.9	88.9	89.0	89.0	89.0	
≥ 1800	55.9	82.2	85.1	86.4	88.0	88.3	88.8	89.1	89.3	89.4	89.5	89.5	89.5	89.6	89.6	89.7	
≥ 1500	56.6	83.7	86.7	88.1	89.7	90.1	90.6	90.9	91.1	91.2	91.3	91.3	91.4	91.4	91.4	91.5	
≥ 1200	56.9	84.5	87.6	89.1	90.8	91.1	91.7	92.1	92.2	92.4	92.4	92.5	92.5	92.5	92.6	92.6	
≥ 1000	57.1	85.2	88.5	90.0	91.8	92.3	92.8	93.3	93.4	93.6	93.7	93.7	93.7	93.8	93.8	93.9	
≥ 900	57.2	85.5	88.8	90.4	92.3	92.7	93.3	93.7	93.9	94.1	94.2	94.2	94.2	94.3	94.3	94.4	
≥ 800	57.3	85.8	89.3	90.9	92.9	93.3	94.0	94.4	94.6	94.8	94.9	94.9	95.0	95.0	95.0	95.1	
≥ 700	57.4	86.1	89.6	91.3	93.4	93.9	94.6	95.2	95.4	95.5	95.7	95.7	95.7	95.8	95.8	95.9	
≥ 600	57.4	86.4	89.9	91.7	93.9	94.5	95.2	95.8	96.0	96.2	96.3	96.3	96.4	96.4	96.5	96.6	
≥ 500	57.5	86.6	90.2	92.1	94.5	95.0	95.9	96.6	96.9	97.1	97.2	97.2	97.3	97.3	97.4	97.5	
≥ 400	57.5	86.6	90.4	92.3	94.8	95.4	96.4	97.2	97.5	97.8	98.0	98.0	98.1	98.1	98.2	98.2	
≥ 300	57.5	86.7	90.4	92.3	94.9	95.6	96.8	97.6	98.0	98.4	98.6	98.6	98.6	98.8	98.8	98.9	
≥ 200	57.5	86.7	90.4	92.3	94.9	95.6	96.8	97.7	98.1	98.6	98.9	98.9	99.1	99.2	99.3	99.4	
≥ 100	57.5	86.7	90.4	92.3	94.9	95.6	96.8	97.7	98.2	98.6	98.9	99.0	99.2	99.3	99.5	99.6	
≥ 0	57.5	86.7	90.4	92.3	94.9	95.6	95.8	97.7	98.2	98.6	98.9	99.0	99.2	99.3	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 87436

TOTAL SKY COVER

FOR THE PERIOD OF RECORD 1971 AND LATER THE AIRWAYS  
SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED  
WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

## SKY COVER

03930  
STATION

LITTLE ROCK AFB AR

69-76

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	33.6			11.9						8.3	46.2	5.7	929
	03-05	33.2			12.0						8.5	46.2	5.7	930
	06-08	22.7			14.5						13.9	48.9	6.6	930
	09-11	17.7			17.3						14.4	50.5	6.9	930
	12-14	16.8			19.1						17.3	46.8	6.8	930
	15-17	17.5			17.7						19.1	45.6	6.8	930
	18-20	22.9			17.1						15.8	44.2	6.4	930
	21-23	28.6			14.2						12.0	45.2	6.0	930
TOTALS		24.1			15.5						13.7	46.7	6.4	7439

## SKY COVER

PERIOD

FEB  
MONTH

MONTH	HOURS LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02	40.8			12.8						8.0	38.4	4.9	846
	03-05	37.9			11.0						6.4	42.6	5.4	842
	06-08	26.3			15.3						13.7	44.7	6.2	844
	09-11	21.8			17.9						14.9	45.4	6.4	845
	12-14	21.3			19.9						16.2	42.7	6.3	846
	15-17	19.5			23.6						14.3	42.6	6.3	846
	18-20	24.2			21.4						13.9	40.4	5.9	846
	21-23	35.1			15.7						11.8	37.4	5.3	846
TOTALS		28.4			17.2						12.7	41.8	5.8	6761

## SKY COVER

MAR  
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAR	00-02	32.0			13.3						12.6	42.1	5.7	929
	03-05	27.7			15.1						12.5	44.8	6.1	929
	06-08	18.8			18.0						14.5	48.7	6.7	928
	09-11	18.2			15.9						16.4	49.5	6.9	929
	12-14	16.1			16.5						18.3	46.6	6.9	930
	15-17	14.2			17.9						20.9	47.0	7.1	929
	18-20	17.8			21.3						17.1	44.1	6.6	930
	21-23	28.9			17.7						13.0	40.3	5.7	930
TOTALS		21.7			17.2						15.7	45.4	6.5	7439

## SKY COVER

APR  
MONTH

[illegible]

## SKY COVER

    MAY      
    MONTH    

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	37.7			19.9						13.7	28.7	4.7	926
	03-05	32.4			21.4						16.4	29.9	5.1	927
	06-08	19.9			21.1						19.8	39.2	6.3	930
	09-11	16.6			24.7						20.9	37.8	6.4	930
	12-14	12.0			30.3						24.2	33.4	6.4	930
	15-17	13.4			31.4						24.1	31.1	6.2	930
	18-20	17.5			29.4						23.0	30.0	6.0	929
	21-23	32.5			22.3						17.3	28.0	5.0	930
TOTALS		22.8			25.1						19.9	32.3	5.8	7434

## SKY COVER

03930  
STATION

LITTLE ROCK AFB AF  
STATION NAME

69-78

**JUN**  
**MONTH**

[illegible]

## SKY COVER

JUL  
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	45.4			26.1						14.5	14.0	3.5	930
	03-05	34.9			35.8						14.1	15.2	3.9	928
	06-08	21.2			38.3						18.6	21.9	5.0	930
	09-11	17.6			37.6						22.5	22.0	5.4	930
	12-14	3.5			43.1						32.7	20.6	6.3	930
	15-17	4.0			43.2						31.6	21.2	6.3	930
	18-20	12.2			38.3						27.8	21.7	5.8	930
	21-23	32.6			33.5						17.8	16.0	4.2	930
TOTALS		21.5			37.0						22.5	19.1	5.1	7438

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

03930    LITTLE ROCK AFB AR    69-78    AUG  
STATION    STATION NAME    PERIOD    MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
AUG	00-02	46.6			26.2						12.6	14.6	3.4	930
	03-05	38.3			30.4						15.5	15.5	3.9	929
	06-08	20.1			31.7						23.1	25.2	5.5	922
	09-11	19.4			32.6						24.5	23.5	5.5	929
	12-14	4.5			45.7						30.1	19.6	6.0	929
	15-17	7.3			41.0						30.6	21.1	6.1	930
	18-20	19.2			36.1						23.2	21.4	5.3	930
	21-23	40.2			27.2						16.8	15.8	3.9	930
TOTALS		24.5			33.9						22.1	19.6	5.0	7429

## SKY COVER

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

[illegible]

## SKY COVER

OCT  
MONTH

[illegible]

## SKY COVER

62-76

NCV  
MONTH

[illegible]

## SKY COVER

DEC  
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00-02	35.2			15.1						9.4	40.3	5.3	928
	03-05	35.6			13.6						7.6	42.9	5.4	929
	06-08	25.1			17.3						11.6	45.1	6.2	925
	09-11	20.7			15.9						12.5	50.9	6.7	929
	12-14	18.2			19.4						15.7	45.8	6.7	930
	15-17	18.5			20.0						16.8	44.0	6.5	930
	18-20	27.2			16.8						14.5	41.5	6.0	925
	21-23	34.9			15.5						11.5	38.2	5.3	925
TOTALS		26.9			16.8						12.5	43.8	6.0	7422

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

G3930 LITTLE ROCK AFB AP

60-78

ALL

STATION

STATION NAME

PERIOD

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	24.1			15.5						13.7	45.7	5.4	7439
FEB		26.4			17.2						12.7	41.8	5.8	6761
MAR		21.7			17.2						15.7	45.4	6.5	7434
APR		22.6			22.0						18.0	37.4	5.0	7195
MAY		22.5			25.1						19.9	32.3	5.8	7434
JUN		22.9			30.8						22.2	24.1	5.4	7193
JUL		21.5			37.0						22.5	19.1	5.1	7438
AUG		24.5			33.9						22.1	19.6	5.0	7429
SEP		21.6			25.9						21.3	31.3	5.8	7162
OCT		34.2			21.8						14.6	29.3	4.9	7436
NOV		30.2			18.2						11.6	40.0	5.6	7197
DEC		26.9			16.6						12.5	43.8	6.0	7422
TOTALS		25.1			23.5						17.2	34.2	5.7	87540

USAFETAC

FORM 64 0-9.5 (OL1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
  - a. Daily maximum temperatures
  - b. Daily minimum temperatures
  - c. Daily mean temperatures

**NOTE:** Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

**NOTE:** Direct conversion of temperatures from Celsius to Fahrenheit values results in the exclusion of certain values. The conversion method used at OL A to present these data may result in differences not exceeding  $\pm 1^\circ$  from directly converted values but excludes no Fahrenheit values.

- a. Extreme maximum temperature
- b. Extreme minimum temperature

**NOTE:** The following symbols are used in the extreme data blocks:

- (1) \* indicates the extreme was selected from a month with one or more days missing.
- (2) † indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ( $\sum X^2$ ), sums of values ( $\sum X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma_x$ ). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING BRANCH  
 AFMPC  
 WEATHER SERVICE/MAC  
 LITTLE ROCK AR

# DAILY TEMPERATURES

STATION

STATION NAME

56-73

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

"MAXIMUM"

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
100						.0	.1	.3					.5
95					.6	10.3	28.3	16.7	4.1				5.1
90			.1	.6	8.7	38.3	67.6	58.8	21.3	2.4			16.7
85			1.5	7.4	33.2	71.0	88.2	84.6	44.3	12.1			25.9
80	.1	.2	5.2	26.1	59.7	89.4	96.6	95.9	72.5	32.3	2.3		40.7
75	1.2	1.7	14.2	47.7	77.6	98.6	99.9	99.0	88.8	51.6	11.0	.6	49.5
70	3.6	8.4	27.5	68.4	90.0	99.9	100.0	99.9	96.5	71.2	25.4	4.5	55.5
65	11.4	17.3	41.1	81.3	97.2	100.0		100.0	99.1	85.3	42.5	13.2	66.2
60	20.7	29.7	57.9	92.2	99.6				100.0	94.1	60.1	26.6	73.9
55	31.8	43.2	71.2	97.7	100.0					98.2	73.0	39.1	79.9
50	44.4	60.3	83.2	99.7						99.7	86.2	56.9	86.2
45	59.4	75.0	91.2	99.9						100.0	92.3	71.8	91.0
40	71.4	86.5	96.1	100.0							96.8	85.3	94.3
35	82.0	96.3	99.0								99.1	94.1	97.6
30	92.5	98.6	99.9								100.0	98.5	99.1
25	98.2	99.8	100.0									99.6	99.8
20	99.4	100.0										99.9	99.9
15	99.9											100.0	100.0
10	100.0												100.0
MEAN	47.8	52.8	61.4	73.0	80.4	87.3	91.1	89.9	83.3	74.3	61.3	51.5	71.2
S.D.	12.794	11.291	11.809	8.781	7.800	5.793	5.489	5.553	7.071	8.831	10.769	10.845	17.601
TOTAL OBS.	682	629	713	690	713	690	713	713	690	713	690	713	8349

# DAILY TEMPERATURES

AVIATION SERVICE/ASAC  
LITTLE ROCK AR

56-79

STATION: STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
7					.6	6.5	26.4	18.1	2.5				4.6
7				1.7	6.2	44.9	77.3	59.5	29.1	1.5			18.6
7			1.7	9.4	34.9	76.2	92.8	87.4	53.8	7.7	1.2	.1	30.8
7	1.5	.5	4.5	25.7	59.9	92.5	98.0	97.2	72.8	21.2	5.5	1.1	40.4
7	2.0	2.5	12.3	41.2	77.6	98.4	100.0	100.0	98.6	38.8	12.0	3.2	48.6
7	5.0	5.5	22.3	61.9	89.2	99.9			97.4	60.9	23.5	6.9	50.7
4	10.9	15.3	36.7	78.0	98.5	100.0			99.6	76.3	38.3	13.9	64.5
4	17.3	26.1	57.2	92.6	100.0				100.0	91.2	55.4	25.4	72.6
7	18.2	45.5	78.1	98.0						98.6	74.6	45.4	81.2
7	30.4	52.6	83.9	98.7						99.6	80.9	54.4	84.2
30	49.0	63.8	91.4	100.0						99.9	88.8	66.2	88.5
7	49.1	84.4	97.8							100.0	96.5	84.7	94.5
20	64.7	95.0	99.3								99.0	93.3	97.7
15	92.6	99.0	100.0								100.0	98.7	99.2
10	76.5	100.0										99.4	99.7
5	29.1											99.9	99.9
0	59.0											100.0	100.0
-1	100.0												100.0
MEAN	29.9	33.3	42.0	52.0	60.3	67.8	71.8	70.1	64.1	51.9	41.7	33.9	51.6
S.D.	11.255	9.360	9.762	8.978	7.276	5.237	4.284	4.697	7.272	8.883	10.259	9.892	16.726
TOTAL OBS.	682	629	713	690	713	690	713	713	690	713	690	713	8349

UNITED STATES OF AMERICA

## DAILY TEMPERATURES

56-72

241-574

STATION NAME

rf 47%

61 88

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

TEMP.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
60					.4	5.8	1.7	1.4					.3
61						5.8	26.4	15.0	2.6				4.3
62				.3	6.3	39.2	72.8	58.1	22.0	.8			16.9
63			1.0	6.1	73.1	73.6	93.1	91.0	49.6	7.2			29.9
64			3.9	23.2	60.2	94.9	98.9	98.5	75.4	24.5	2.0	.3	40.6
65	1.0	1.1	12.3	45.9	79.7	99.4	100.0	99.9	91.2	47.3	10.1	1.1	49.6
66	4.5	5.4	22.9	64.8	93.0	100.0		100.0	98.7	67.2	23.0	4.9	57.6
67	9.2	13.7	39.7	84.6	98.9				99.7	85.8	38.4	12.1	65.7
68	19.2	26.6	59.3	95.5	100.0				100.0	96.1	60.4	24.0	74.0
69	30.6	44.5	76.3	99.1						99.4	77.0	41.4	81.1
70	47.5	65.5	89.1	99.9						100.0	89.1	64.4	88.2
71	65.5	80.8	97.1	100.0							95.7	81.1	93.5
72	85.1	94.0	98.6								99.0	92.7	97.1
73	90.0	98.6	99.9								99.9	97.5	98.8
74	96.6	99.8	100.0								100.0	99.4	99.7
75	99.1	100.0										99.7	99.9
76	99.7											100.0	100.0
77	100.0												100.0
78													100.0
79													100.0
80													100.0
81													100.0
82													100.0
83													100.0
84													100.0
85													100.0
86													100.0
87													100.0
88													100.0
89													100.0
90													100.0
91													100.0
92													100.0
93													100.0
94													100.0
95													100.0
96													100.0
97													100.0
98													100.0
99													100.0
100													100.0
MEAN	39.1	43.6	52.0	63.0	70.8	77.8	81.7	80.2	74.0	63.3	51.7	43.0	61.7
S.D.	11.326	9.501	10.014	7.900	6.761	4.938	4.368	4.442	6.442	7.839	9.663	9.529	16.778
TOTAL OBS.	682	629	713	690	713	690	713	713	690	713	690	713	8349

USAF ETAC FORM 086-3 (Oli)  
 1. LOCATION: SERVICIA/MAC

# EXTREME VALUES

MAXIMUM TEMPERATURE

1. TITLE: ROCK FEB AT

56-78

WHOLE DEGREES FAHRENHEIT

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50		70	82	86	94	98	98	104	95	92	77	78	
51	74	78	73	83	89	93	98	96	89	81	77	72	98
52	65	71	63	86	91	95	96	95	93	82	81	72	96
53	68	72	82	88	90	94	96	97	91	88	76	64	97
54	74	76	82	88	89	97	99	98	98	87	77	66	99
55	65	78	81	88	91	95	97	101	96	87	82	73	101
56	70	82	81	90	96	96	101	106	95	89	71	70	106
57	74	74	88	86	90	96	98	101	96	94	79	64	101
58	72	61	78	83	94	96	100	106	93	84	83	73	106
59	71	69	75	91	88	95	99	99	94	85	82	71	99
60	68	67	85	83	87	100	102	97	92	88	75	76	102
61	78	72	87	88	91	97	96	97	89	90	78	74	97
62	67	67	80	82	86	93	97	94	91	86	77	67	97
63	80	70	80	84	88	97	103	100	93	91	72	67	103
64	75	70	75	84	92	98	101	96	97	89	73	75	101
65	77	78	86	84	86	100	105	93	99	91	81	73	105
66	74	74	84	88	93	101	102	104	95	90	80	67	104
67	69	70	76	80	90	94	100	100	92	89	79	70	100
68	69	71	92	85	91	93	102	97	85	84	78	69	102
69	77	69	79	85	89	90	96	95	97	92	81	70	97
70	68	76	82	85	86	92	99	98	89	90	71	68	99
71	60	79	84	86	97	102	98	97	96	91	79	70	102
72	71	67	83	88	92	96	102	102	93	88	84	73	102
MEAN	71.2	72.3	80.8	85.7	90.4	96.0	99.3	98.8	93.4	88.2	78.0	70.5	100.6
S.D.	4.876	4.989	5.923	2.670	3.028	2.970	2.551	3.688	3.381	3.312	3.680	3.691	3.017
TOTAL OBS.	682	629	713	690	713	690	713	713	690	713	690	713	8349

NOTES \* (BASED ON LESS THAN FULL MONTHS)

AL CLIMATOLOGY BRANCH  
T.O.  
WEATHER SERVICE/MAC

# EXTREME VALUES

MINIMUM TEMPERATURE

EXTREME MINIMUM TEMPERATURE

WETTER, WICK, AFB, A.

56-70

YEAR

WHOLE DEGREES FAHRENHEIT

	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50		34	20	39	52	54	65	60	53	44	22	26	
51	15	29	24	31	46	63	67	61	55	32	31	17	15
52	11	13	30	39	46	54	67	60	50	42	26	10	10
53		23	32	40	51	59	62	56	55	38	18	29	8
54	22	22	16	39	42	60	65	63	57	33	25	17	16
55	12	20	30	39	45	56	63	59	47	29	26	15	12
56	-3	23	15	33	47	60	64	62	48	40	29	7	-3
57		12	31	42	40	62	58	58	44	38	27	3	2
58	12	19	25	35	48	52	57	59	46	34	17	12	12
59	10	16	17	40	52	59	58	60	42	32	26	20	14
60	-2	17	26	34	44	50	68	57	51	35	22	17	-2
61	13	18	25	44	47	57	59	55	40	36	29	21	13
62	7	17	20	33	45	55	57	59	50	33	28	14	9
63	10	25	23	37	42	47	68	59	51	36	20	26	16
64	5	13	26	32	44	53	56	59	50	36	17	21	6
65	10	13	22	31	44	63	58	57	52	47	29	32	13
66	13	18	20	36	49	54	55	64	48	36	25	17	13
67	16	20	36	31	45	59	61	59	53	40	32	20	16
68	20	23	25	34	54	53	64	57	49	37	28	22	23
69	15	18	26	31	50	54	60	64	46	38	20	17	16
70	11	21	34	37	40	58	62	60	46	33	15	7	7
71	5	19	30	35	49	55	70	65	58	35	24	15	5
72	12	12	18	39	45	56	69	63	54	37	32	19	12
73													
74													
75													
76													
77													
78													
79													
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93													
94													
95													
96													
97													
98													
99													
100													
MEAN	11.3	10.7	25.0	30.1	40.4	50.3	62.2	60.3	49.8	36.6	24.7	17.6	10.5
S.D.	6.386	4.487	5.433	3.829	3.799	4.098	4.987	2.832	4.612	4.121	5.004	7.038	5.982
TOTAL OBS	682	629	713	690	713	690	713	713	690	713	690	713	6349

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 080-3 (OJ)

1 (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03930 LITTLE ROCK AFB AR

69-78

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31																					
68/ 67				.2	.1													3	3																			
66/ 65			.3	.1														4	4																			
64/ 63			.4	.5	.1													10	10																			
62/ 61	.2	.9		.1														11	11																			
60/ 59	.2	.5		.1														8	8																			
58/ 57	.1	1.3	.6															19	19																			
56/ 55	.5	1.1	.2	.3			.1	.1										22	22																			
54/ 53	.5	1.6		.2	.1	.1	.1											25	25																			
52/ 51	.5	1.5	.4	.5	.2													30	30																			
50/ 49		.4	.3	.3														10	10																			
48/ 47	.3	1.9	.9	.3	.2	.2												36	36																			
46/ 45	1.1	2.5	1.1	1.1	.1	.4												58	58																			
44/ 43	.9	.4	1.1	1.0	.6													37	37																			
42/ 41	1.2	1.0	.5	.5	.3													33	33																			
40/ 39	.6	1.7	1.1	1.9	.4													54	54																			
38/ 37	.4	.9	1.4	1.2														36	36																			
36/ 35	.5	2.7	1.9	.3	.2													53	53																			
34/ 33	1.1	3.1	1.5	1.4														66	66																			
32/ 31	1.1	4.3	1.9	.4														72	72																			
30/ 29	.6	2.5	2.3	.1														51	51																			
28/ 27	.3	4.9	2.8	.3														78	78																			
26/ 25	.1	4.6	2.5	.1														68	68																			
24/ 23	.1	2.3	1.3	.1														35	35																			
22/ 21	.5	2.0	1.5															41	41																			
20/ 19	.2	1.3	.4															18	18																			
18/ 17	.1	.6	.5															12	12																			
16/ 15		.8	.2															9	9																			
14/ 13		1.0	.3															12	12																			
12/ 11		.4																4	4																			
10/ 9	.2	.4																6	6																			
8/ 7	.1	.8																8	8																			
6/ 5		.1																1	1																			
4/ 3																																						
2/ 1																																						
Element (X)	Σ X <sup>2</sup>			Σ X			Σ	Σ	Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ		
Rel. Hum.																																						
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

## PSYCHROMETRIC SUMMARY

**YEARS**

JAN  
MONTH

0000-0200  
HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

JAN

**YEARS**

## MAXIMUM

0300-0500

HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

69-72

**YEARS**

JAN  
MONTH

PAGE 2

0300-0500  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

65-78

113

STATION	STATION NAME
1	1
2	2
3	3
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98	98
99	99
100	100

**YEARS**

Lauren T. M.

PAGE 1 0600-0600

HOOPER (A. S. Y.)

[illegible]

IT WOULD BE WISE TO INQUIRE ON THIS POINT AT ONCE.

0-26-5 (OL-A)

**USAFETAC**

## PSYCHROMETRIC SUMMARY

55-70

**JAN**

PAGE 2 0600-0800  
H243 (L-3-T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
-1/-1																						6												
-2/-2																						17												
-4/-5																						2												
-6/-7																						2												
-8/-9																						1												
TOTAL	16.055	620.8	6.1	1.5															930		930													
																			930		930													
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x^2$	No. Obs.	Mean No. of Hours with Temperature																												
Rel. Hum.	5884963	72727	78.214	.566	930	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																						
Dry Bulb	1198499	31227	33.312	.708	930		46.4	.4				93																						
Wet Bulb	1080629	29425	31.612	.691	930		52.8					93																						
Dew Point	899870	25314	27.215	.065	930	2.8	61.9					93																						

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

STATION 0990 LITTLE ROCK AFB AR STATION NAME 69-78 YEARS JAN MONTH  
PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb		Wet Bulb		Dew Point															
76/ 75							.1											1		1																	
72/ 71					.1	.1												2		2																	
70/ 69						.2												2		2																	
68/ 67				.1	.2	.2	.2											7		7																	
66/ 65	.3	.2		.3														6		6																	
64/ 63		1.3	.6	.3	.2													20		20																	
62/ 61	.2	.4	.1	.1				.1										9		9																	
60/ 59	.1	.3	.1				.1	.1										11		11																	
58/ 57	.4	.9	.5	.3	.1	.1												22		22																	
56/ 55	.2	1.2	.5		.4	.2	.2											26		26																	
54/ 53	.1	1.4	.5	.4	.1		.2	.1										27		27																	
52/ 51	.5	1.1	.9	.4	.4	.5	.2											38		38																	
50/ 49	.4	.9	.8	.3	.3	.5	.1											31		31																	
48/ 47	.2	1.8	.7	.8	.3	.2												37		37																	
46/ 45	.9	2.0	.5	1.5	1.3	.3												62		62																	
44/ 43	.5	.5	1.3	2.3	1.2	.1												53		53																	
42/ 41	.3	.5	1.6	1.2	.4	.1												39		39																	
40/ 39	.8	1.2	1.0	1.4	.6													46		46																	
38/ 37	.8	1.3	1.5	1.5	.1	.1												49		49																	
36/ 35	.4	1.5	2.0	1.3	.5													55		55																	
34/ 33	1.0	1.9	2.8	.9	.3													64		64																	
32/ 31	.2	1.4	1.4	1.1	.2													45		45																	
30/ 29		1.5	2.3	.6	.1													44		44																	
28/ 27		3.3	3.2	1.0														68		68																	
26/ 25	.3	1.7	1.8	.3														39		39																	
24/ 23	.1	1.6	1.1	.1														27		27																	
22/ 21		2.5	1.3	.2														37		37																	
20/ 19	.2	1.2	1.2															24		24																	
18/ 17		.2	1.2															13		13																	
16/ 15		.4	.9															8		8																	
14/ 13		.4	.5															9		9																	
12/ 11		.2																2		2																	
10/ 9		.2																2		2																	
8/ 7																																					
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature							Total																						
Rel. Hum.								$\leq 0 F$	$\leq 32 F$	$\leq 47 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$																								
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM 0-16-5 (OL A) REVISED EDITION OF THE FORM AT OBSOLETE JAN 63

## PSYCHROMETRIC SUMMARY

YEARS

JAN  
MONTH

PAGE 2 0900-1100  
HOURS (L. S. T.)

[illegible]0-26-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OLA)

## PSYCHROMETRIC SUMMARY

**YEARS**

JAN  
MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
78/ 77								.1		.1								2	2																
76/ 75								.1	.2									3	3																
74/ 73					.1				.1									2	2																
72/ 71				.2	.3	.4	.3	.1										13	13																
70/ 69			.4	.1	.1													8	8																
68/ 67			.6		.4	.1		.2	.3	.1								16	16	2															
66/ 65			.5	.3	.2	.1		.3	.5									19	19	8	1														
64/ 63		.9		.2	.2	.3	.2		.1									18	18	16	8														
62/ 61	.1	.2	.1	.2	.6	.1	.2	.5	.1									21	21	22	17														
60/ 59	.3	.4	.6	.4	.5	.4	.2	.4	.1									33	33	13	8														
58/ 57	.1	.4	.3	.5	.1	.3	.4	.3	.3									27	27	12	13														
56/ 55		1.2	.3	.8	.3	.9	.6	.4	.2									44	44	18	12														
54/ 53	.1	.6	1.5	.6	1.0	.2	.9	.4										50	50	34	19														
52/ 51	.4	1.0	.8	.6	1.0	.9	1.4											56	56	39	22														
50/ 49	.1	.6	.3	.5	1.1	1.3	.5	.2										44	44	39	20														
48/ 47	.3	1.1	.3	.6	1.3	.5	.5											44	44	36	25														
46/ 45	.2	.9	.5	1.1	1.5	.6	.3											48	48	47	50														
44/ 43	.1	.4	.4	1.3	1.4	.6												40	40	37	13														
42/ 41	.4	.3	.6	1.0	1.5	.1												37	37	61	19														
40/ 39	.5	.2	.6	.4	1.7	.5												38	38	57	33														
38/ 37	.4	.8	1.3	1.3	1.4	.2												47	47	50	20														
36/ 35	.5	.9	1.5	1.5	1.2													52	52	49	42														
34/ 33	1.2	1.0	1.1	1.3	.8													49	49	51	40														
32/ 31		1.3	.8	2.5	.4													46	46	54	44														
30/ 29	.1	.5	2.0	1.8	.4													46	46	57	39														
28/ 27	.2	1.6	1.5	1.3	.1													44	44	45	59														
26/ 25		.8	1.4	.8														27	27	57	44														
24/ 23		1.4	.3	.6														22	22	45	35														
22/ 21		.6	.8	.2														15	15	37	42														
20/ 19		.2	.5	.1														8	8	14	46														
18/ 17		.2	.4															6	6	11	55														

0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE FORM 64

**USAFETAC**

## PSYCHROMETRIC SUMMARY

YEARS

JAN  
MONTH

[illegible]

## PSYCHROMETRIC SUMMARY

YE/RS

JAN  
MONTH

[illegible]

## PSYCHROMETRIC SUMMARY

69-78

YEARS

JAN  
MONTH

PAGE 2 1500-1700  
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

**YEARS**

JAN  
MONTH

1800-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
74/ 72								.1										1	1					
72/ 71						.1	.2	.1										4	4					
70/ 69						.												2	2					
68/ 67					.1	.1		.1										3	3					
66/ 65		.5	.2															8	8					
64/ 62		1.3		.4		.2		.1										16	16	11	5			
62/ 61	.1	.6	.6	.1		.2	.1	.1	.1	.2								23	23	16	9			
60/ 59	.1	1.1	.3	.3	.4	.4		.1	.1									26	26	11	14			
58/ 57	.2	.5	.5	.5	.2	.2	.1	.1										25	25	22	11			
56/ 55	.6	1.0	.1	.2	.2	.4	.1											27	27	10	18			
54/ 53	.5	.6	.9	.6	.4	.3												32	32	23	10			
52/ 51	.3	1.2	.4	.4	.7	.2	.2	.1										30	30	29	20			
50/ 49	.4	1.1	.4	1.3	.6	.8	.2											45	45	31	17			
48/ 47	.2	1.4	1.2	1.6	.8	.6	.1											55	55	31	29			
46/ 45	.5	1.7	1.4	.8	1.6	.6	.3											65	65	43	34			
44/ 43	.5	.8	1.4	.6	1.2	.3												46	46	58	26			
42/ 41	.1	.3	1.4	1.1	1.3	.2												38	38	40	28			
40/ 39	1.1	1.3	1.7	1.5	1.7	.1												55	55	50	34			
38/ 37	.3	1.5	.9	1.0	.9													42	42	66	30			
36/ 35		1.1	1.5	2.1	.5													48	48	48	32			
34/ 33	.6	1.4	2.7	1.6	.9													52	62	54	54			
32/ 31	.8	1.8	1.8	1.6	.7													56	56	60	46			
30/ 29	.3	.9	3.5	1.5														58	58	62	32			
28/ 27		2.8	3.1	1.6														64	64	48	47			
26/ 25		1.9	1.0	.2														29	29	83	49			
24/ 23		1.5	.5	.4														23	23	54	40			
22/ 21	.3	.2	.9	.3														16	16	27	54			
20/ 19			.6	.1														8	8	14	61			
18/ 17		.3	.5															8	9	10	53			
16/ 15		.5	.4															9	9	11	52			
14/ 13	.1	.2	.1															4	4	10	29			
12/ 11		.2																2	2	7	19			
10/ 9																					14			
8/ 7																					22			
Element (X)	Σ x <sup>2</sup>		Σ x		x̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

## PSYCHROMETRIC SUMMARY

03:30	LITTLE ROCK AFB AR	69-78	JAN
STATION	STATION NAME	YEARS	MONTH
			PAGE 2
			1800-2000
			HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
5/-																						13													
4/-																						9													
3/-																						5													
2/-																						6													
1/-																						5													
0/-																						1													
-1/-																						2													
-2/-																						930													
TOTAL	6.227	327.7	19.6	11.1	4.2	2.3	1.1	0.2	0.2									930			930														

CLIMATE CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

STATION LITTLE ROCK AFB AR

69-75

YEARS

JAN  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
70/ 59																																	3	3			
69/ 67					.2																												2	2			
68/ 65			.6		.1																												7	7			
64/ 62			.5																														5	5	8	7	
62/ 51	.2	.5	.4	.2	.1																												15	15	15	11	
60/ 55	.1	1.1	.2	.3																													17	17	8	11	
57/ 57	.4	1.2	.4	.2																													20	20	16	11	
55/ 55		.5	.3		.1	.2	.1																										18	18	15	18	
54/ 52	.4	.6	.4	.4	.3	.1	.1																										23	23	19	11	
52/ 51	.4	1.2	1.2	1.2	.3																												40	40	19	18	
50/ 49	.5	1.1	.3	.5	.1	.2	.1																										25	25	20	15	
48/ 47	.5	1.5	.9	.2	.1	.4																											40	40	34	27	
45/ 45	.3	2.4	1.5	1.5	1.1	.1																											67	67	44	32	
44/ 43	.5	.8	1.2	.9	1.1	.1																											42	42	44	30	
42/ 41	.5	.3	1.7	1.1	.4																												34	34	31	20	
40/ 39	.5	1.1	1.4	2.2	.7	.2																											55	55	43	36	
38/ 37	.4	2.3	1.1	1.3	.6																												58	58	44	28	
36/ 35	.3	2.3	1.8	1.6	.1																												49	49	64	18	
34/ 33	.6	2.3	1.9	.3	.3																												52	52	72	45	
32/ 31	.3	2.9	3.3	.6	.1																												69	69	51	39	
30/ 29	.5	1.9	3.3	1.7																													63	63	64	48	
28/ 27		4.7	3.1	.6																													79	79	54	53	
26/ 25	.2	1.9	1.6	.4																													41	41	89	70	
24/ 23		2.7	.9																														33	33	55	33	
22/ 21	.4	1.4	.9																														21	21	46	63	
20/ 19	.2	.3	.6																														15	15	26	69	
18/ 17		.2	.6																														8	8	10	43	
16/ 15			.9	.4																													12	12	7	41	
14/ 13			.4	.1																													5	5	13	34	
12/ 11	.2	.4																															6	6	8	16	
10/ 9	.1	.5																															6	6	8	22	
8/ 7																																			3	17	
6/ 5																																				15	
4/ 3																																				16	
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

**YEARS**

PAGE 2 2100-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
(F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
-1																						5													
-2																						1													
-3																						3													
-4																						4													
-5																						1													
TOTAL	1.433	3.322	2.15.3	5.0	1.4	.3	.1	.1											930	930		930													

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATMOSPHERIC SERVICE/MAC

# PSYCHROMETRIC SUMMARY

STATION: WITTE HOOK AFB AR STATION NAME: 55-73 YEARS: JAN MONTH: ALL  
PAGE 1 HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																		
7 / 75																		1	1																			
7 / 77																		5	5																			
7 / 79																		6	6																			
7 / 81																		12	12																			
7 / 83																		24	24																			
7 / 85																		27	27																			
7 / 87																		29	29	4																		
7 / 89																		77	77	19	5																	
7 / 91																		101	101	78	29																	
7 / 93																		132	132	114	87																	
7 / 95																		158	158	132	80																	
7 / 97																		182	182	133	128																	
7 / 99																		209	209	132	125																	
7 / 101																		229	229	191	115																	
7 / 103																		292	292	189	173																	
7 / 105																		251	251	200	138																	
7 / 107																		304	304	235	161																	
7 / 109																		425	425	314	255																	
7 / 111																		346	346	322	213																	
7 / 113																		288	288	315	182																	
7 / 115																		373	373	390	210																	
7 / 117																		350	350	376	203																	
7 / 119																		403	403	390	284																	
7 / 121																		479	479	507	333																	
7 / 123																		438	438	476	331																	
7 / 125																		421	421	413	356																	
7 / 127																		502	502	464	432																	
7 / 129																		387	387	583	411																	
7 / 131																		258	258	450	315																	
7 / 133																		213	213	301	466																	
7 / 135																		154	154	232	427																	
7 / 137																		107	107	157	400																	
7 / 139																		72	72	105	407																	
7 / 141																		55	55	88	249																	
Element (X)	$\Sigma X^2$			$\Sigma X$			$\bar{X}$			$C_X$			No. Obs.			Mean No. of Hours with Temperature																						
Rel. Hum.																																						
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

ALL  
MOSBY S. I.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. Wet Bulb	Dry Bulb Dew Point	
12 / 11	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	37	37	46	170
11 / 10	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	38	38	47	181	
10 / 9	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	39	39	48	192		
9 / 8	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	40	40	49	203			
8 / 7	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	41	41	50	214				
7 / 6	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	42	42	51	225					
6 / 5	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	43	43	52	236						
5 / 4	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	44	44	53	247							
4 / 3	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	45	45	54	258								
3 / 2	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	46	46	55	269									
2 / 1	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	47	47	56	280										
1 / 0	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	48	48	57	291											
0 / -1	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	49	49	58	302												
-1 / -2	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	50	50	59	313													
-2 / -3	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	51	51	60	324														
-3 / -4	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	52	52	61	335															
-4 / -5	1.7	1.8	1.9</																																

OFFICIAL CLIMATOLOGY BRANCH  
HAFSLAG  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

STATION LITTLE ROCK AFB AR  
STATION NAME

69-78

YEARS

FEB  
MONTH

PAGE 1

0000-0200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
66/ 65					.1													3	3						
64/ 64		.2	.4	1.4	.1													18	18	1					
62/ 61		.1		.5	.2													7	7	2					
60/ 59			.5	.4		.1												11	11	8					
58/ 57		.2	.2	.5	.2	.5	.1											20	20	13	4				
56/ 55	.1	1.1	.8	.4	.1	.5												25	25	20	9				
54/ 53		.6	1.2	.7	.5	.4	.1											29	29	20	24				
52/ 51	.1	.8	.2	.7	.4	.1	.1											27	27	17	19				
50/ 49		1.2	.7	.6		.2												23	23	25	13				
48/ 47	.1	1.1	.7	1.8	.4													36	36	26	19				
46/ 45	.5	2.4	1.4	1.5	1.2													59	59	37	27				
44/ 43	.2	1.9	1.5	2.0	1.2	.1												59	59	47	25				
42/ 41	.2	3.1	1.9	1.5	.8													63	63	56	33				
40/ 39	.1	2.0	3.1	1.4	.2	.5												62	62	46	33				
38/ 37	.2	3.1	3.2	1.1	.1	.1												66	66	65	41				
36/ 35	1.1	2.5	2.8	1.8	.1	.1												71	71	92	45				
34/ 33		3.0	3.0	.2														52	52	66	60				
32/ 31	.1	3.0	3.0	.1	.1													53	53	55	55				
30/ 29	.7	2.4	1.8	.3														48	48	73	63				
28/ 27		3.4	1.2	.2														41	41	48	72				
26/ 25		2.3	1.1															26	26	49	52				
24/ 23		1.7	.4															17	17	31	48				
22/ 21		1.1	.9															16	16	20	60				
20/ 19	.1	.5	.6															10	10	17	44				
18/ 17		.1	.2															3	3	5	25				
16/ 15		.1																1	1	5	15				
14/ 13																					2				
12/ 11																					11				
10/ 9																					20				
8/ 7																					7				
6/ 5																					1				
4/ 3																					2				
2/ 1																					1				
0/ -1																					1				
Element (X)	Σ X'		Σ X		X	C <sub>n</sub>		No. Obs.		Mean No. of Hours with Temperature							Total								
Rel. Hum.										≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

## PSYCHROMETRIC SUMMARY

**YEARS**

FEB  
MONTH

PAGE 2 6000-0200  
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13490 LITTLE ROCK AFB AR 69-76 FEB  
STATION STATION NAME YEARS MONTH  
PAGE 1 0300-0500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31	Dry Bulb	Wet Bulb	Dew Point											
65/ 61				.1																							1	1													
64/ 63			.4	.5	.7																							13	13												
62/ 61	.1	.4	.4	.5																							11	11	1	4											
60/ 59			.5																								4	4	8	1											
58/ 57		1.1	.5	.7		.1																					20	20	10	6											
56/ 55	.1	.5	1.1	.1	.2																						17	17	18	10											
54/ 53		.5	.9	.4	.4	.1	.1																				20	20	10	19											
52/ 51		.8	1.5	.1	.2	.1	.1																				25	25	24	10											
50/ 49		1.3	.7	.5	.4	.1																					25	25	14	15											
48/ 47	.5	1.2	.4	1.1	.4																						29	29	33	22											
46/ 45	.7	2.5	2.2	.5	.5																						54	54	26	27											
44/ 43	.2	2.4	2.5	1.1	.2																						54	54	42	20											
42/ 41	.5	2.5	1.7	2.5	.8																						64	64	58	36											
40/ 39		2.4	2.4	1.3																							54	54	45	33											
38/ 37	.5	1.2	3.2	.4	.1																						45	45	50	38											
36/ 35	.4	2.8	3.0	.7		.2																					60	60	61	49											
34/ 33	.6	3.4	2.6	.5	.1																						63	63	83	43											
32/ 31	.6	2.2	2.6	.5																							50	50	57	49											
30/ 29	.2	4.0	4.5																								74	74	47	67											
28/ 27	.6	5.1	1.2	.2																							60	60	84	71											
26/ 25	.1	2.6	.8																								30	30	70	43											
24/ 23	.1	.9	1.2																								19	19	24	57											
22/ 21	.4	2.4	.6																								28	28	28	60											
20/ 19	.1	1.7																									15	15	28	50											
18/ 17		.4	.1																								4	4	11	37											
16/ 15		.4	.2																								5	5	4	17											
14/ 13		.2																									2	2	3	15											
12/ 11																														4	15										
10/ 9																															19										
8/ 7																															6										
6/ 5																															3										
4/ 3																															1										
2/ -3																															1										
-4/ -5																															2										
Element (X)	ΣX'	ΣX	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																																			
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																													
Dry Bulb																																									
Wet Bulb																																									
Dew Point																																									

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMAR

YEARS

PAGE 2 0100-0500  
NOV 19 1954

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

[illegible]

0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

**USAFETAC**

## PSYCHROMETRIC SUMMARY

64-78

**YEARS**

FEB  
MONTH

[illegible]

## PSYCHROMETRIC SUMMARY

2939	LITTLE ROCK AFB AR
STATION	STATION

69-78

YEARS

FEB  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFD WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

00937 LITTLE ROCK AFB AR 69-78 YEARS FEB  
STATION STATION NAME MONTH  
PAGE 1 1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL	TOTAL													
	0	1-2	3-4	5-6	7-8	9-10	11	12	13	14	15	16	17	18	19	20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																						
75/ 77									.1								.1							2	2																							
76/ 75								.1						.2	.1									4	4																							
74/ 73							.1	.1		.1			.1											4	4																							
72/ 71							.6	.1	.1	.1							.2							10	10																							
70/ 69			.1			.7	.2	.2	.1	.1	.2	.1												18	13																							
68/ 67		.1			.4	.4	.4	.4	.2	.2	.1													22	22																							
66/ 65		.1	.6	.4	.4	.4	.1	.1	.7	.6	.1													37	37	2	1																					
64/ 63		.2		1.2	.2	.6	1.1	1.1	.2	.1														40	40	4	2																					
62/ 61			.1	.6	.2	1.2	1.2	.7	.5															41	41	23	1																					
60/ 59		.6	.7	.2	.2	.4	.7	.5	.5															36	36	19	6																					
58/ 57		.1	.2	.6	.1	.5	1.1	.8	.4															32	32	36	8																					
56/ 55		.1	.1	.2	.6	1.2	.9	.8	.1															35	35	24	27																					
54/ 53	.1	.6	.9	.8	1.2	.9	.8	.2																50	50	22	22																					
52/ 51		.6	1.3	1.1	1.7	2.1	.7	.4	.1															69	69	44	19																					
50/ 49		.9	1.1	1.2	1.4	1.7	1.3		.1															65	65	50	16																					
48/ 47		.7	1.1	1.3	.9	1.2	.4	.2																49	49	59	19																					
46/ 45		.6	1.7	2.0	2.7	1.5	.4	.1																75	75	62	38																					
44/ 43		1.1	.7	.6	2.0	.9	.1																	46	46	69	27																					
42/ 41		1.1	.5	.6	1.0																			34	34	85	30																					
40/ 39		.6	.1	1.2	1.1	.5																		31	31	69	49																					
38/ 37		.9	.9	1.2	1.1																			35	35	47	40																					
36/ 35		.1	.7	1.8	.6	.2																		29	29	50	44																					
34/ 33	.2	1.3	.6	.8	.5																			29	29	52	62																					
32/ 31	.1	.6	.4	1.4																				21	21	33	45																					
30/ 29	.6		.5	.7																				15	15	39	45																					
28/ 27	.1		.4	.3																				7	7	25	70																					
26/ 25			.2	.2																				4	4	12	59																					
24/ 23			.4	.1																				4	4	7	33																					
22/ 21			.1	.1																				2	2	8	41																					
20/ 19																										3	35																					
18/ 17																										1	39																					
16/ 15																										1	15																					
14/ 13																																																
12/ 11																																																
Element (X)	Σ X <sup>2</sup>	Σ X	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																																										
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																																				
Dry Bulb																																																
Wet Bulb																																																
Dew Point																																																

USAFETAC FORM 0-26-5 (OLA) REVIDED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

42-75

YEARS

FEB  
MONTH

PAGE 2 1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
1 / 3																						19														
2 / 7																						3														
3 / 5																						4														
4 / 2																						2														
5 / 2																						2														
-2 / -3																						1														
-4 / -5																						1														
-6 / -7																						1														
TOTAL	1.2	11.1	13.4	19.0	16.4	15.5	9.9	5.8	3.2	1.4	.6	.5						846	846		846															

USAFETAC FORM 0-26.5 (DLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

**YEARS**

**MONTH**

HOURS (L. S. T.)

USAFETAC  
FORM  
JUL 64  
0-26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

YEARS

5 FEB  
MONTH

HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

YEARS

FEB  
MONTH

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

FEE

PAGE 2 1000-2000  
NOV 83 (L. S. T.)

[illegible]

USAFETAC  
 174 WEATHER SERVICE/430

# PSYCHROMETRIC SUMMARY

STATION: LITTLE ROCK AFB A

68-78

FEB

PAGE 1 2100-2330  
 HOURS (L, S, T, I)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Dry Bulb	Wet Bulb	Dew Point		
66/ 55																																15	15				
64/ 53			.4	.2	1.1																											18	13	2			
62/ 51			.8	.6	.5																											22	22	5	3		
60/ 49			.2	.1	.5																											23	23	13	3		
58/ 47																																30	30	20	10		
56/ 45			.4	.3	.8																											24	24	13	6		
54/ 43			.6	.5	.6																											21	21	22	24		
52/ 41	.1	.5	.1	.6	1.5																											29	29	29	18		
50/ 39	.1	.6	1.2	1.7	.2																											42	42	19	16		
48/ 47		2.4	.4	1.2																												42	42	28	10		
46/ 45		2.6	2.2	1.9	2.4																											65	65	55	39		
44/ 43	.2	2.1	2.7	2.0	.6																											59	59	62	27		
42/ 41	.4	2.6	2.6	2.7	.7																											79	79	62	38		
40/ 39		2.6	2.1	1.3	.6																											61	61	73	47		
38/ 37	.1	1.7	3.4	1.2	.2																											58	58	66	48		
36/ 35		1.5	3.1	.6	.1																											45	46	71	57		
34/ 33		1.3	2.1	1.3	.6																											47	47	58	54		
32/ 31	.1	1.4	1.0	.7	.1																											36	36	19	39		
30/ 29	.5	.7	2.4	.5																												32	32	55	71		
28/ 27		1.8	1.1	.4																												27	27	31	66		
26/ 25		1.1	1.1	.1																												19	19	46	54		
24/ 23		.4	.2																													5	5	15	49		
22/ 21		.2	.3																													6	6	12	39		
20/ 19		.1	.7																													7	7	7	34		
18/ 17		.1	.1																													2	2	6	20		
16/ 15																																		4	15		
14/ 13																																			16		
12/ 11																																			5		
10/ 9																																			16		
8/ 7																																			5		
6/ 5																																			2		
4/ 3																																			5		
2/ 1																																			2		
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature							Total																								
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 88 F$	$\leq 93 F$																										
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

STANDARD METHOD (EDITION OF THE NWS AND OBSERVATIONS)

FORM 0-26-5 (OL A)

USAFETAC

## PSYCHROMETRIC SUMMARY

69-78

YEARS

FEB  
MONTH

PAGE 2 2100-2300  
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
FEB 64

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13933 LITTLE ROCK AFB A:

69-78

FEB  
MONTH

STATION

STATION NAME

YEARS

PAGE 1

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
74/ 74																		2	2						
73/ 77																		3	3						
76/ 75																		6	6						
74/ 72																		16	16						
72/ 71																		27	27						
71/ 69																		68	68						
68/ 67																		78	78						
66/ 65																		135	135	7	1				
64/ 63																		178	178	23	6				
62/ 61																		194	194	83	20				
60/ 59																		170	170	131	38				
58/ 57																		212	212	162	56				
56/ 55																		208	206	142	127				
54/ 53																		266	266	153	167				
52/ 51																		325	325	215	130				
50/ 49																		351	351	258	104				
48/ 47																		372	372	342	142				
46/ 45																		568	568	389	260				
44/ 43																		429	429	478	239				
42/ 41																		442	442	553	286				
40/ 39																		386	386	508	332				
38/ 37																		360	360	461	368				
36/ 35																		359	359	476	368				
34/ 33																		378	378	487	407				
32/ 31																		309	309	382	386				
30/ 29																		280	280	397	473				
28/ 27																		240	240	362	537				
26/ 25																		145	145	296	433				
24/ 23																		86	86	159	355				
22/ 21																		81	81	116	357				
20/ 19																		55	55	95	329				
18/ 17																		20	20	44	245				
16/ 15																		11	11	26	135				
14/ 13																		6	6	10	99				
Element (X)	$\Sigma x^2$		$\Sigma x$		$\bar{x}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

69-78

YEARS

FEB  
MONTH

PAGE 2

ALL  
HOURS (L. S. T.)

**USAFETAC**  
FORM  
W 4A  
0-26.5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 2300-0500  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

44-38861-3000 LITTLE ROCK AFB AR

69-70

MAD

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800  
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
72/ 72				.3														1	1					
71/ 69			.1															1	1					
69/ 57			.3	.5														8	8					
66/ 65		1.1	.6	.8														25	25	6				
64/ 60		1.3	1.1	.5	.1			.1										29	29	12				
62/ 61	.1	1.3	.9	.6	.1		.2											30	30	14				
59/ 59	.2	2.3	1.1	.5	.4	.1												46	46	26				
58/ 57	.4	1.5	1.2	1.0	.2	.4												44	44	43				
53/ 55	.1	2.2	1.7	1.5	.6													52	52	28				
49/ 53	.2	.6	1.4	.5	.1	.1												36	36	29				
47/ 51		2.3	2.2	.9	1.4	.4												67	67	28				
45/ 45		1.7	1.3	1.0	.9		.1											57	57	32				
43/ 47	.1	1.4	1.6	1.1	.4	.1												44	44	36				
40/ 45	.1	1.0	2.0	1.7	.5	.1												67	67	46				
44/ 43	.1	1.2	3.0	1.4	.3	.1												57	57	43				
42/ 41	.1	1.4	1.5	2.3	.2													49	49	35				
39/ 39	.2	2.7	4.1	1.5	.4		.1											84	84	52				
35/ 37	1.1	2.4	3.0	1.5														74	74	63				
35/ 35	.2	2.5	1.7	1.7														51	51	66				
34/ 33	.3	1.8	1.6	.4														39	39	59				
32/ 31	.2	1.8	.5	.1														25	25	69				
30/ 29	.2	.8	.3															12	12	64				
28/ 27	.4	.9	.3															15	15	63				
25/ 25		.6																6	6	34				
24/ 23		.4																4	4	29				
22/ 21	.2																	2	2	27				
20/ 19		.5																5	5	12				
16/ 17																				3				
15/ 15																				4				
14/ 13																				2				
12/ 11																				2				
2/ 1																				1				
TOTAL	4.53	4.53	2.21	9.9	7.0	1.4	.4	.1										930	930	930				
Element (X)	Σ x <sup>2</sup>	Σ x	̄x	s <sup>2</sup>	No. Obs.	Mean No. of Hours with Temperature																		

## PSYCHROMETRIC SUMMARY

52-73

YEARS

545

MONTH

PAGE 1

0900-1100  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

MAR  
MONTH

PAGE 2 0900-1100  
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
77.7	1.1	1.3	0.9	0.2	0.2	11.4	5.7	3.0	1.3	.5	.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										



## PSYCHROMETRIC SUMMARY

2403      LITTLE ROCK AFB A  
STATION      STATION

68-7c

542

STATION

## STATIONARY CASE

YEARS

**MUNTH**

PAGE 2

1230-1430

1230 1430  
HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
1- / 1:																						11													
2 / 1:																						5													
14 / 1:																						2													
1 / 1:																						1													
TOTAL	7.2	13.2	17.5	15.1	14.6	14.7	9.1	6.7	3.9	2.2	1.2	.2						930	930			930													

## PSYCHROMETRIC SUMMARY

STATION 24

3-7

YEARS

M.A.D  
MONTN

PAGE 1 1500-1700  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

MOHIN

PAGE 0 1500-1700  
HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

44-70

76 85

442

MONTH

PAGE 1

1800-2000  
HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

50-70

YEARS

22  
2599

PAGE 2 1620-2300  
HOURS 12.5.11

**JSAFETAC** FORM 0-26.5 (OL, A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

**YEARS**

PAGE 1 2100-2300  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

MAC  
MONTH

PAGE 2 2100-2300  
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
COMFETAC  
AFM WEATHER SERVICE/MAL

# PSYCHROMETRIC SUMMARY

STATION LITTLE ROCK AFB A

89-79

YEARS

MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 51													.0	.0								3	3		
61/ 52												.0										1	1		
62/ 53												.0										1	1		
63/ 54										.0	.0											2	2		
64/ 55								.0	.0	.1	.0	.1	.0									17	17		
65/ 56							.0	.1	.1	.1	.1	.1	.0									22	22		
66/ 57						.0	.1	.1	.1	.1	.1	.1	.1									37	37		
67/ 58					.0	.1	.1	.1	.1	.1	.1	.1	.1	.0								63	60		
68/ 59					.0	.1	.1	.1	.1	.1	.1	.1	.1	.0								98	98		
69/ 60			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								140	140		
70/ 61			.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0								141	141	2	
71/ 62		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1								186	186	16	1
72/ 63		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1								245	245	82	5
73/ 64		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1								290	290	126	21
74/ 65		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1								324	324	219	75
75/ 66	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1								405	405	256	154
76/ 67	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1								367	367	336	199
77/ 68	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1								397	397	311	290
78/ 69	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1								441	441	379	287
79/ 70	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1								427	427	427	277
80/ 71	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1								461	461	479	284
81/ 72	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1								410	410	484	241
82/ 73	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1								432	432	486	314
83/ 74	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1								469	469	479	362
84/ 75	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1								350	358	492	317
85/ 76	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1								329	329	493	351
86/ 77	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1								375	375	490	431
87/ 78	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1								326	326	544	477
88/ 79	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1								216	216	475	539
89/ 80	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1								161	161	332	421
90/ 81	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1								83	83	237	424
91/ 82	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1								72	72	121	423
92/ 83	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1								38	38	67	518
93/ 84	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1								21	21	56	327
Element (X)	Σ x <sup>2</sup>	Σ x	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature							Total												
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F														
Dry Bulb																									
Wet Bulb																									
Point																									



## PSYCHROMETRIC SUMMARY

YEARS

ADP  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

707, LITTLE ROCK AFB AR  
STATION 1 STATION 2

69-73

ADK  
MONTH

PAGE 1 C300-05  
HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

DATE LITTLE ROCK, ARS AR  
STATION STATION NAME

69-73

YEARS

APR  
MONTH

PAGE 1 0600-0800  
HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

62-72

16462

100

Page 4

0905-1107  
1585-1114



## PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 1200-1403  
NOV 85 L. S. J.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL :		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
1-7																																			
TOTAL	.1 4.2 5.6 9.0 11.1 13.3 16.4 14.2 10.5 6.6 4.8 1.7 .6																	899	900	899															

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0^\circ \text{F}$	$\leq 32^\circ \text{F}$	$\approx 67^\circ \text{F}$	$\approx 73^\circ \text{F}$	$\approx 80^\circ \text{F}$	$\approx 93^\circ \text{F}$	
Rel. Hum.	2640342	46014	51.2	17.821	899							
Dry Bulb	4312774	63224	70.2	8.909	900			61.4	39.1	15.4		90
Wet Bulb	3196322	53126	59.1	8.096	899			19.7	1.5			90
Dew Point	2352574	44046	49.9	11.820	899		7.2	3.4				90

### PSYCHROMETRIC SUMMARY:

47-73

AC  
MONTH

PAGE 1 1500-1700  
MAY 11 - 5 - 11

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-265 (OL A)

USAFETAC

## PSYCHROMETRIC SUMMARY

**YEARS**

420  
MONTH

PAGE 7 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
5 / 11																																			
11 / 17																																			
17 / 11																																			
TOTAL	.6	3.9	6.7	7.0	6.4	9.7	14.4	12.3	14.0	9.1	3.8	3.3	1.0	.4				900	900	900															

Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$s_x^2$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2464337	43917	46.318	8.971	900	$\leq 0^\circ\text{F}$	$\leq 32^\circ\text{F}$	$\leq 67^\circ\text{F}$	$\leq 73^\circ\text{F}$	$> 80^\circ\text{F}$	$\geq 93^\circ\text{F}$	
Dry Bulb	4620393	64399	71.6	8.971	900			65.3	44.5	21.5		900
Wet Bulb	3232513	53477	59.4	7.319	900			18.9	1.9			900
Dew Point	2326547	44499	49.4	11.856	900		7.3	3.9	.1			900

USAFETAC  
FORM  
NR. AA  
0-26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEMPAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAF

# PSYCHROMETRIC SUMMARY

STATION: LITTLE ROCK AFB A

97-73

YEARS

APR  
MONTH

PAGE 1 1899-2000  
HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	Dew Point
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
88/ 81																																2	2			
84/ 80																																3	3			
80/ 81																																24	24			
76/ 78																																38	38			
72/ 77																																40	49			
70/ 75																																68	68			
74/ 71																																71	71	7		
70/ 71																																73	73	36		
70/ 71																																86	86	37		
67/ 67																																56	56	51		
66/ 65																																68	68	78		
64/ 63																																70	70	83		
60/ 61																																65	65	86		
58/ 59																																45	45	75		
57/ 57																																51	51	75		
55/ 55																																41	41	50		
54/ 53																																25	25	70		
52/ 51																																18	18	77		
51/ 49																																13	13	50		
49/ 47																																6	6	51		
48/ 46																																11	11	31		
44/ 43																																3	3	22		
42/ 41																																1	1	17		
40/ 39																																2	2	9		
38/ 37																																1	1	6		
36/ 35																																		7		
34/ 33																																		2		
32/ 31																																				
30/ 29																																				
28/ 27																																				
26/ 25																																				
24/ 23																																				
22/ 21																																				
20/ 19																																				
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$C_X$		No. Obs.		Mean No. of Hours with Temperature						Total																			
Rel. Hum.											$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$																				
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

APC  
B-2017

PAGE 2 1800-2000  
HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

59-72

**YEARS**

APR  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

[illegible]

0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM JUL 64

## PSYCHROMETRIC SUMMARY

YEARS

APR  
MONTH

PAGE 2 2100-2300  
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

49-75

YEARS

APR  
MONTH

PAGE 1

ALL

ALL  
HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

ALL

HOURS (L, S, T.)

USAFETAC FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

## PSYCHROMETRIC SUMMARY

59-78

**YEARS**

    MAY      
MONTH

PAGE 1 CGGC-0230  
HOURS (L, S, T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
77/ 77						.1												1	1																
76/ 77		.1	.1		.1													3	3																
75/ 77		.3	1.7	1.1	.1				.1									31	31	2															
74/ 77		1.5	1.1	1.3	.2	.1	.2											38	38	3															
72/ 77	.2	1.6	2.2	1.8	.4	.1	.3											59	59	41	18														
71/ 77	.2	3.8	3.5	.8	1.1	.1	.2											91	91	42	40														
69/ 77	.5	5.1	4.1	1.3	.8		.1											110	110	88	57														
67/ 77	1.5	6.3	1.8	1.6	1.1	.1												116	116	126	93														
64/ 77	1.4	5.2	2.3	1.6	1.1	.2	.1											109	109	101	127														
62/ 77	1.1	2.2	2.6	1.3	.8	.1	.2											71	71	99	81														
61/ 77	.2	3.2	4.1	.2	.1	.1	.1											74	74	72	75														
59/ 77	.5	1.7	2.1	.4	.2	.2												56	56	84	62														
57/ 77	.2	1.9	1.1	.8	1.2													47	47	70	64														
54/ 77		1.7	1.2	1.1	.3													39	39	51	71														
52/ 77		1.6	1.4	.3	.1													32	32	30	67														
50/ 77	.1	1.6	1.5	.1	.1													32	32	35	32														
47/ 77		.5	.4	.3														12	12	52	30														
45/ 77	.1	.4	.2															7	7	20	34														
44/ 77			.2															2	2	8	25														
42/ 77																				4	23														
40/ 77																				2	15														
38/ 77																					4														
36/ 77																					2														
34/ 77																																			
TOTAL	4.138	8.832	5.108	7.2	1.2	1.3	.1											930	930	930															

Element (X)	Σx²	Σx	̄x	s²	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	6483237	76897	82.711	600	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	3769397	58849	63.3	7.000	930			33.3	7.3			93
Wet Bulb	3405797	55890	60.1	7.111	930			17.6	.5			93
Dew Point	3164064	53704	57.7	8.226	930			11.7	.2			93

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OL A)

**USAFETAC**

## PSYCHROMETRIC SUMMARY

MAY  
MONTH  
0000-0500  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

MAV  
MONTH

3600-GR00  
NO. 89-11-2-7

Temp. (F)	WIND SPEED & TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
61/ 61				.1														1	1																
62/ 61				.1			.1											3	3																
63/ 71			.1	.4	.1	.1												5	5																
71/ 77		.1	.5	1.1	.2	.1												21	21	2															
72/ 71		.5	1.2	1.3	.1	.6												42	42	7	1														
74/ 71		1.3	1.7	1.3	.4	.3	.2											49	49	19	11														
77/ 71	.1	1.5	3.2	1.1	1.1	.6	.2											75	75	39	24														
77/ 66	.3	2.6	4.7	1.3	1.3	.6												102	102	63	52														
81/ 67	.4	3.7	2.3	1.9	1.2	.3	.1											94	94	92	54														
86/ 66	1.1	5.6	1.3	1.7	1.2	.3	.2											111	111	107	100														
84/ 67	.3	4.4	2.7	2.4	1.2	.1												105	105	104	104														
80/ 61	.3	3.7	2.6	1.2	1.1	.2	.1											87	87	33	67														
77/ 59	.2	2.2	2.2	1.1	.4	.2												58	58	96	53														
81/ 57		1.4	2.6	1.1	.3	.3												52	52	77	67														
81/ 58	.1	2.1	1.2	1.2	.3													46	46	55	70														
84/ 50	.1	1.3	.4	.4														23	23	67	72														
82/ 51		.8	.3	.3	.1													15	15	31	63														
81/ 49		.9	1.0	.2	.1	.1												20	20	32	33														
77/ 47	.3	1.0	.3	.1	.2													18	18	21	37														
81/ 45		.5	.7	.1														9	9	18	26														
84/ 43			.1															1	1	9	20														
82/ 41																				4	12														
81/ 37																				4	14														
78/ 37																					5														
74/ 35																					1														
71/ 32																					3														
72/ 31																					2														
70/ 29																					1														
68/ 27																					1														
TOTAL	4.334	129.217	312.3	4.2	1.1														930		930														
																		930		930															

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.												

CLIMATE CLIMATOLOGY DATA ON  
 SAFETY  
 WEATHER SERVICE/440

# PSYCHROMETRIC SUMMARY

STATION: LITTLE ROCK AFB AR  
 STATE: AR

69-76

YEARS

MAY

MONTH

PAGE 1

0900-1100  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb		Dew Point															
44/ 34																																1	1				
42/ 32																																2	2				
40/ 30																																5	5				
38/ 28																																17	17				
36/ 26																																29	29				
34/ 24																																44	44				
32/ 22																																70	70	1			
30/ 20																																79	79	3	2		
28/ 18																																79	79	16	1		
26/ 16																																92	92	26	6		
24/ 14																																79	79	73	2		
22/ 12																																64	64	78	5		
20/ 10																																77	77	110	67		
18/ 8																																80	80	105	86		
16/ 6																																64	64	94	65		
14/ 4																																49	49	82	110		
12/ 2																																30	30	94	75		
10/ 0																																19	19	63	58		
8/ -2																																10	10	59	75		
6/ -4																																9	9	51	52		
4/ -6																																8	8	26	53		
2/ -8																																3	3	2	59		
0/ -10																																		17	30		
-2/ -12																																		4	47		
-4/ -14																																		2	24		
-6/ -16																																		1	13		
-8/ -18																																		1	16		
-10/ -20																																			15		
-12/ -22																																			6		
-14/ -24																																			4		
-16/ -26																																			3		
-18/ -28																																			3		
-20/ -30																																					
Element (X)	Σ X'	Σ X	X̄	s <sub>x</sub>	No Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

## PSYCHROMETRIC SUMMARY

25-70

YEARS

PAY  
MONTH

PAGE 2 2930-1100  
HOURS 11-5 P.M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																																																																																																																																																																																																																																																																																																																																																																																														
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																												
73.0	0.5	7.5	11.7	14.5	17.1	19.6	21.9	24.1	26.2	28.2	30.1	31.9	33.6	35.2	36.7	38.1	39.4	40.6	41.7	42.7	43.6	44.4	45.1	45.7	46.3	46.8	47.2	47.5	47.8	48.0	48.2	48.4	48.5	48.6	48.7	48.8	48.9	49.0	49.1	49.2	49.3	49.4	49.5	49.6	49.7	49.8	49.9	50.0	50.1	50.2	50.3	50.4	50.5	50.6	50.7	50.8	50.9	51.0	51.1	51.2	51.3	51.4	51.5	51.6	51.7	51.8	51.9	52.0	52.1	52.2	52.3	52.4	52.5	52.6	52.7	52.8	52.9	53.0	53.1	53.2	53.3	53.4	53.5	53.6	53.7	53.8	53.9	54.0	54.1	54.2	54.3	54.4	54.5	54.6	54.7	54.8	54.9	55.0	55.1	55.2	55.3	55.4	55.5	55.6	55.7	55.8	55.9	56.0	56.1	56.2	56.3	56.4	56.5	56.6	56.7	56.8	56.9	57.0	57.1	57.2	57.3	57.4	57.5	57.6	57.7	57.8	57.9	58.0	58.1	58.2	58.3	58.4	58.5	58.6	58.7	58.8	58.9	59.0	59.1	59.2	59.3	59.4	59.5	59.6	59.7	59.8	59.9	60.0	60.1	60.2	60.3	60.4	60.5	60.6	60.7	60.8	60.9	61.0	61.1	61.2	61.3	61.4	61.5	61.6	61.7	61.8	61.9	62.0	62.1	62.2	62.3	62.4	62.5	62.6	62.7	62.8	62.9	63.0	63.1	63.2	63.3	63.4	63.5	63.6	63.7	63.8	63.9	64.0	64.1	64.2	64.3	64.4	64.5	64.6	64.7	64.8	64.9	65.0	65.1	65.2	65.3	65.4	65.5	65.6	65.7	65.8	65.9	66.0	66.1	66.2	66.3	66.4	66.5	66.6	66.7	66.8	66.9	67.0	67.1	67.2	67.3	67.4	67.5	67.6	67.7	67.8	67.9	68.0	68.1	68.2	68.3	68.4	68.5	68.6	68.7	68.8	68.9	69.0	69.1	69.2	69.3	69.4	69.5	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5	70.6	70.7	70.8	70.9	71.0	71.1	71.2	71.3	71.4	71.5	71.6	71.7	71.8	71.9	72.0	72.1	72.2	72.3	72.4	72.5	72.6	72.7	72.8	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0	74.1	74.2	74.3	74.4	74.5	74.6	74.7	74.8	74.9	75.0	75.1	75.2	75.3	75.4	75.5	75.6	75.7	75.8	75.9	76.0	76.1	76.2	76.3	76.4	76.5	76.6	76.7	76.8	76.9	77.0	77.1	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0	78.1	78.2	78.3	78.4	78.5	78.6	78.7	78.8	78.9	79.0	79.1	79.2	79.3	79.4	79.5	79.6	79.7	79.8	79.9	80.0	80.1	80.2	80.3	80.4	80.5	80.6	80.7	80.8	80.9	81.0	81.1	81.2	81.3	81.4	81.5	81.6	81.7	81.8	81.9	82.0	82.1	82.2	82.3	82.4	82.5	82.6	82.7	82.8	82.9	83.0	83.1	83.2	83.3	83.4	83.5	83.6	83.7	83.8	83.9	84.0	84.1	84.2	84.3	84.4	84.5	84.6	84.7	84.8	84.9	85.0	85.1	85.2	85.3	85.4	85.5	85.6	85.7	85.8	85.9	86.0	86.1	86.2	86.3	86.4	86.5	86.6	86.7	86.8

## PSYCHROMETRIC SUMMARY

**YEARS**

454

PAGE . 1250-1400  
HOURS (H. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

5-75

44 Y  
MONTH

PAGE 7 1260-1460  
HOURS 11:55-1:11

[illegible]

## PSYCHROMETRIC SUMMARY

1500-1700

[illegible]

SECRET - SECURITY INFORMATION

SECRET

YEARS

1984

PAGE 2 1500-1700  
HOURS U. S. T.

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUL 64

PAGE 1 1000-200  
NOTES, S. T.

[illegible]

## PSYCHROMETRIC SUMMARY

59-79

**YEARS**

DAY  
MONTH

PAGE : 2100-2300  
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (OLA)

WFO  
JUL 64

## PSYCHROMETRIC SUMMARY

**YEARS**

PAGE 1

ALL

HOURS (L, S, T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

MAY  
MONTH

PAGE 2

ALL  
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
77	0.2	1.2	1.5	1.3	1.0	0.8	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74.37	74.39	74.37	74.27															

## PSYCHROMETRIC SUMMARY

68-78

446

STATION

STAT.CN NAME

YEARS

MONTH

PAGE 3

0000-C200  
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

STATION

25-70

YEARS

JUL  
MONTH

PAGE 1

0900-1100  
HOURS (L. S. T.)

[illegible]



GLOBAL CLIMATOLOGY DATA  
 CAPETAL  
 AIR WEATHER SERVICE

# PSYCHROMETRIC SUMMARY

STATION: LITTLE ROCK, AR YEARS: 69-78 MONTH: JUN  
 PAGE 1 1500-1700  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
10/ 80													.4	.9	.1			13		13																
9/ 97										.1	1.1	.7	.3	.4				25		25																
8/ 97									.1	1.3	.6	.8	.2					40		40																
7/ 97									1.3	2.7	1.6	1.1	.4	.1				63		63																
6/ 97						.1	1.7	2.2	2.1	1.9	.1	.6						78		78																
5/ 97					.3	.3	2.1	2.9	2.9	1.9	.6	1.7	.2					109		109																
4/ 97				.3	.3	3.0	3.1	2.4	1.2	1.0	1.5	.2						106		106																
3/ 97					1.3	1.9	1.1	1.7	1.3	.3	.1							74		74																
2/ 97				.6	1.6	.9	1.3	.7	2.6	2.4	.1							91		91																
1/ 97		.1		1.2	1.6	1.2	1.6	1.9	1.6	.1	.1							84	84		13															
12/ 78		.2	.4	1.3	.7	1.1	.4	1.2	1.1	.6	.2							67	67	69	4															
11/ 77		.2	.1	.9	1.4	.7	.3	.3	.7	.1	.1							49	49	142	7															
10/ 77		.4	1.2	.6	1.2	.1	.3	.3	.3	.1								42	42	136	49															
9/ 77		1.0	.6	.3	.1		.6	.1	.1	.2								27	27	158	61															
8/ 77	.1	.3	.4			.1	.1											9	9	96	131															
7/ 69	.2	.9	.3	.1	.1													15	15	92	119															
6/ 67			.3	.1	.1													7	7	83	97															
5/ 65	.1																	1	1	62	97															
4/ 62																				22	76															
3/ 61																				21	51															
2/ 59																				3	42															
1/ 57																				3	56															
12/ 55																					47															
11/ 53																					26															
10/ 51																					10															
9/ 50																					5															
8/ 47																					2															
7/ 45																					2															
6/ 43																					2															
5/ 41																					2															
TOTAL	.3	3.3	3.4	5.6	9.1	3.4	13.1	16.1	17.2	11.8	5.1	4.1	1.8	.6				900	900		900															
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_X$	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.	2850398	48778	54.2	15.161	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb	6611691	76891	85.4	6.831	900			89.9	36.8	71.4	14.1	90																								
Wet Bulb	4767237	65361	72.6	4.776	900			72.9	51.8	3.6		9																								
Dew Point	3971002	59472	66.1	6.761	900			48.1	14.1			40																								

USAFETAC FORM 0-20-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 JUL 64

## PSYCHROMETRIC SUMMARY

52-72

YEARS

July  
Month

PAGE 1 1500-2000  
HOURS (L. 5-7.1)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
67/ 91												.1						2	2																
68/ 91												.3	.3					5	5																
69/ 91								.1	.1	.1	.2	.1		.1				14	14																
70/ 91						.1	.1	.1	.1	.1	.7	.5	.3					32	32																
71/ 81						.1	1.3	1.1	1.1	.2			.3					60	60																
72/ 81					.1	1.1	1.1	1.1	1.1	.1	.1	.1						65	65																
73/ 81				.1	1.1	1.1	1.1	1.1	1.1	.1	.1							77	77																
74/ 81			.1	1.1	1.1	1.1	1.1	1.1	1.1	.1	.1							104	104																
75/ 81			.1	1.1	1.1	1.1	1.1	1.1	1.1	.1	.1							121	121	14															
76/ 81			.1	1.1	1.1	1.1	1.1	1.1	1.1	.1	.1							63	63	38	2														
77/ 81		.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	.1	.1							77	77	98	27														
78/ 81		.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	.1	.1							68	68	123	40														
79/ 81	.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	.1	.1							58	58	169	69														
80/ 81	.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	.1	.1							76	76	114	149														
81/ 81	.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	.1	.1							31	31	91	131														
82/ 81	.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	.1	.1							18	18	98	93														
83/ 81	.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	.1	.1							5	5	62	85														
84/ 81	.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	.1	.1							3	3	30	70														
85/ 81	.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	.1	.1							1	1	24	60														
86/ 81	.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	.1	.1									14	57														
87/ 81	.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	.1	.1									5	50														
88/ 81	.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	.1	.1										21														
89/ 81	.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	.1	.1										25														
90/ 81	.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	.1	.1										8														
91/ 81	.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	.1	.1										2														
92/ 81	.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	.1	.1										2														
93/ 81	.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	.1	.1										1														
94/ 81	.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	.1	.1										2														
95/ 81	.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	.1	.1										1														
TOTAL	.3	5.1	9.1	13.1	17.1	15.6	15.2	11.2	7.7	2.9	1.6	1.0	.1					900	900		900														
																		900		900															

USAFETAC FORM 0-26.5 (UL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

- 2 - 7 -

YEARS

DATE \_\_\_\_\_  
MONTH \_\_\_\_\_

PAGE 1 2100-2300  
HOURS (L. S. T.)

Temp. t <sub>F</sub>	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
100 / 80																		2	2																
90 / 70																		7	7																
80 / 60				.1	.3	1.1	.3	.2	.1									26	26																
70 / 50				.4	1.2	3.4	.7	.3	.1	.1	.1							53	53																
60 / 40		.1	.7	4.2	7.7	2.3	.6	.3										101	101	2															
50 / 30		.6	1.4	4.1	2.7	1.3	.4	.2	.1									99	99	13	3														
40 / 20		.4	2.1	3.6	3.7	1.2	.2	.7	.1									91	91	43	16														
30 / 10	.7	1.9	2.7	2.1	1.3	1.6	.1											90	90	108	33														
20 / 0	.3	4.3	3.1	2.3	1.7	.7	.4											109	109	124	63														
10 / -10	.6	3.9	3.7	1.2	3.3	.3	.1											99	99	168	122														
0 / -20	.1	1.7	3.6	3.5	.7	.2												75	75	93	40														
-10 / -30		1.4	2.7	1.4	1.7	.1												61	61		112														
-20 / -40		2.1	1.3	1.3	.7													46	46	97	71														
-30 / -50		.4	.9	.3	.7													21	21	74	61														
-40 / -60		.6	.6	.1														11	11	42	33														
-50 / -70		.7	.2															5	5	34	57														
-60 / -80		.6																2	2	17	34														
-70 / -90																				1	28														
-80 / -100																				2	22														
-90 / -110																					6														
-100 / -120																					2														
TOTAL	1.4	17.9	22.8	25.3	15.3	9.2	3.3	1.2	.4	.1								900	900		900														
																		900		900															

Element (X)	Σ x <sup>2</sup>	Σ x	$\bar{x}$	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5352731	66825	76.511	6.31	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	5571284	67338	74.8	6.364	900			61.3	57.8	22.2		90
Wet Bulb	4378065	62595	69.6	5.229	900			63.3	29.0	.4		90
Dew Point	4534231	60021	66.7	5.913	900			51.6	13.7	.2		90



U.S. AIR FORCE  
CLIMATE DATA  
STATION NO. 52-1007-17

# PSYCHROMETRIC SUMMARY

STATION NAME: LITTLE ROCK AFB  
STATE: ARK.

65-72

YEARS

JUL  
MONTH

PAGE 1

7800-0200  
HOURS (L. S. T.)

Temp (F)	TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point					
57																												1	1						
58																												9	9						
59																												38	38						
60																												65	65	1					
61																												97	97	24					
62																												144	144	45	25				
63																												184	184	152	33				
64																												147	147	242	145				
65																												103	103	195	233				
66																												51	51	112	177				
67																												31	31	51	118				
68																												22	22	35	40				
69																												14	14	19	29				
70																												14	14	25	32				
71																												3	3	17	24				
72																												5	5	6	16				
73																												1	1	5	6				
TOTAL																												29	929	929					

Element (X)	$\Sigma X$	$\Sigma X^2$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	6755879	78792	84.8	6.883	929	$\geq 0 F$	$\geq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Dry Bulb	5241729	59529	75.3	4.979	929			87.1	68.4	15.3		
Wet Bulb	4787259	56567	71.7	4.336	929			82.3	46.4	.7		
Dew Point	4574059	65047	70.0	4.597	929			75.8	26.2	.2		

## PSYCHROMETRIC SUMMARY

STATION	DATE	TIME	REMARKS

100

YEARS

JUL  
MONTH

PAGE 1 0300-0500

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
47/51							.5											5	5																
57/61		.1	.3	.5	.7	.9	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	23	23																
67/71		.5	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5	9.5	10.5	11.5	12.5	13.5	14.5	15.5	51	51	5	3														
77/81	.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5	9.5	10.5	11.5	12.5	13.5	14.5	15.5	16.5	17.5	62	62	24	18														
87/91	1.5	3.7	4.7	5.7	6.7	7.7	8.7	9.7	10.7	11.7	12.7	13.7	14.7	15.7	16.7	17.7	18.7	155	155	93	51														
97/101	2.5	4.7	5.7	6.7	7.7	8.7	9.7	10.7	11.7	12.7	13.7	14.7	15.7	16.7	17.7	18.7	19.7	239	239	204	126														
107/111	3.5	5.8	6.8	7.8	8.8	9.8	10.8	11.8	12.8	13.8	14.8	15.8	16.8	17.8	18.8	19.8	20.8	145	149	249	228														
117/121	4.5	6.8	7.8	8.8	9.8	10.8	11.8	12.8	13.8	14.8	15.8	16.8	17.8	18.8	19.8	20.8	21.8	69	69	130	209														
127/131	5.5	7.8	8.8	9.8	10.8	11.8	12.8	13.8	14.8	15.8	16.8	17.8	18.8	19.8	20.8	21.8	22.8	43	43	83	117														
137/141	6.5	8.8	9.8	10.8	11.8	12.8	13.8	14.8	15.8	16.8	17.8	18.8	19.8	20.8	21.8	22.8	23.8	15	15	39	55														
147/151	7.5	9.8	10.8	11.8	12.8	13.8	14.8	15.8	16.8	17.8	18.8	19.8	20.8	21.8	22.8	23.8	24.8	31	31	24	37														
157/161	8.5	10.8	11.8	12.8	13.8	14.8	15.8	16.8	17.8	18.8	19.8	20.8	21.8	22.8	23.8	24.8	25.8	19	19	25	22														
167/171	9.5	11.8	12.8	13.8	14.8	15.8	16.8	17.8	18.8	19.8	20.8	21.8	22.8	23.8	24.8	25.8	26.8	9	9	23	22														
177/181	10.5	12.8	13.8	14.8	15.8	16.8	17.8	18.8	19.8	20.8	21.8	22.8	23.8	24.8	25.8	26.8	27.8	7	7	9	21														
187/191	11.5	13.8	14.8	15.8	16.8	17.8	18.8	19.8	20.8	21.8	22.8	23.8	24.8	25.8	26.8	27.8	28.8	4	4	13	16														
197/201	12.5	14.8	15.8	16.8	17.8	18.8	19.8	20.8	21.8	22.8	23.8	24.8	25.8	26.8	27.8	28.8	29.8			1	11														
TOTAL																		930	930	930	930														

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	7287254	81982	68.2	930	$\leq 6 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	4959715	67777	72.9	930			84.5	58.5	4.8		93
Wet Bulb	4629577	65885	70.4	930			70.3	32.6	.1		93
Dew Point	4459647	64317	69.2	930			74.4	19.8	.1		93



## PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 09CG-11CG  
HOURS (L. S. T.)

[illegible]





## PSYCHROMETRIC SUMMARY

69-78

YEAPS

JUL  
MONTH

PAGE 1 1800-2000  
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC  
FORM  
NM 84  
0-26-5 (OL A)





## PSYCHROMETRIC SUMMARY

AUG  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
66/ 66						.1												1		1															
64/ 64			.2	.3	.3		.1											18	18																
62/ 61		.1	1.0	1.3	1.1	.1												33	33																
60/ 79		.5	1.9	2.3	1.1	.1	.1											56	56	8	1														
77/ 77		2.3	4.4	3.1	1.7	.4												103	103	24	10														
76/ 78		4.8	7.3	2.5	.7													139	139	91	51														
74/ 73	.5	7.0	7.7	1.9	.6													164	164	146	73														
72/ 71	.2	6.9	6.0	.2	.3	.2												151	151	186	159														
69/ 69	.2	5.6	3.5	1.1	.4	.1	.3											105	105	161	190														
67/ 67		1.8	3.3	1.2	.2		.1											66	66	116	151														
66/ 65	.1	1.8	2.2	1.3	.4													54	54	53	91														
64/ 65		1.5	1.5	.1														30	30	74	46														
60/ 61		.4	.5	.1														10	10	41	69														
60/ 59																				31	32														
57/ 57																				9	33														
56/ 55																					11														
54/ 55																					7														
52/ 51																					4														
50/ 45																					2														
TOTAL	1.1	32.8	42.0	16.2	6.1	1.1	.6											930	930	930															

**USAFETAC**  
FORM  
NH 54  
0-26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

49-70

YEARS

4116  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11	12-13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
62/ 51				.3	.3	.2																					9	9							
61/ 75			.2	1.7	1.1	.2																					30	30							
74/ 77	.1	1.2	2.2	1.2	.3																						46	46	6	2					
74/ 75	.4	5.1	6.2	2.3	.2	.3																					133	133	57	33					
74/ 70	.3	9.7	6.6	1.3	.1																						167	167	93	59					
71/ 71	.6	9.9	5.1	.9																							163	163	220	132					
71/ 69	.9	8.0	4.3	.5	.7			.1	.1																		134	134	140	197					
69/ 67	.5	4.7	3.8	1.3	.1	.1																					95	95	146	154					
66/ 65	.1	4.0	1.9	.6	.2																						65	65	75	104					
64/ 67		2.5	1.7	.6																							41	41	72	69					
62/ 62		2.0	1.2	.1																							31	31	55	57					
61/ 59		.8	.5	.1																							13	13	32	46					
61/ 57		.4																									4	4	25	40					
58/ 55																													9	16					
62/ 51																														11					
57/ 48																														5					
60/ 47																														1					
TOTAL	5.048	0.356	6	9.6	2.0	.4	.1	.1																			930	930	930	930					

## PSYCHROMETRIC SUMMARY

YEARS

AUG  
MONTH

[illegible]

## PSYCHROMETRIC SUMMARY

7-75 LITTLE ROCK ARB A-  
STAT ON STAT SPRING

66-70

AGE  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

**YEARS**

\_\_\_\_\_  
 AUG  
 MONTH  
 PAGE 1      1200-1400  
 HOURS (L. S. T.)

[illegible]

**USAFETAC**  
FORM  
NR 44  
**0-26-5 (OL A)**  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

42-72

VI 429

100

PAGE : 1500-1700[illegible]





## PSYCHROMETRIC SUMMARY

YEARS

HOURS (L.S. 1-1)

[illegible]

## PSYCHROMETRIC SUMMARY

**YEARS**

SEP  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

SEP  
MONTH

0300-0500  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

0970	LITTLE ROCK AFB AR
STATION	STATION NAME

69-78

SEP

PAGE 1 0600-0800  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

SEP  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

[illegible]

AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

STATION C \* A \* CH NAME

49-78

**YEARS**

**MONTH**

HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

SEP  
MONTH

PAGE 2 1200-1400  
HOURS (L. S. Y.)

[illegible]

0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

**USAFETAC**

## PSYCHROMETRIC SUMMARY

65-73

SEP  
MONTH

PAGE 1 1500-1700  
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
100/ 94													.1					1	1																
95/ 97										.1		.2	.1					4	4																
90/ 95							.1	.4	.8	.4	.1							17	17																
84/ 92						.2	.1	2.1	1.0	.2	.4	.2	.1					40	40																
82/ 91						.4	1.2	2.3	1.1		.1							47	47																
80/ 89					.2	.2	3.3	4.7	1.2	.1	.2	.4						86	88																
78/ 87				.2	.3	1.9	4.1	.9	.8	.2	.2	.1						77	77																
76/ 85				.2	.3	2.2	1.8	1.1	.4	.6	.2							62	62																
74/ 83			.1	.2	2.0	1.8	2.6	1.7	.9	.9	.2							93	93																
72/ 81			.1	.8	2.3	1.9	1.9	2.2	1.3	1.0	.3							104	104	10															
70/ 79			.6	1.4	1.2	1.6	1.2	.8	.9	1.0	.1							79	79	29	5														
70/ 77		.4	1.0	.1	1.3	.8	.8	.6	.6	.3	.1							54	54	117	4														
76/ 75		.7	1.6	.5	1.4	1.3	.4	.3	.7	.9	.2							73	73	148	21														
74/ 73	.2	1.1	1.0	.3	.3	.3	.1	.6	.3	.1								40	40	122	99														
72/ 71		.4	1.3	.1	.7	.2	1.1	.7	.3	.1								42	42	68	132														
70/ 69			.1	.2	.2	.3	.6	.7	.2									21	21	82	132														
68/ 67		.3		.1	.7	.6	.2	.2	.1									22	22	80	80														
66/ 65			.2	.1		.2	.4	.1										10	10	55	59														
64/ 63		.7	.7	.4	.1	.1	.2											20	20	35	64														
62/ 61		.2	.1	.3														6	6	29	59														
60/ 59																				45	34														
50/ 57																				33	47														
56/ 55																				16	36														
54/ 53																				10	22														
52/ 51																					1														
50/ 49																					23														
48/ 47																					23														
46/ 45																					9														
44/ 43																					12														
42/ 41																					13														
40/ 39																					7														
TOTAL	.2	3.9	6.4	5.2	10.9	13.6	19.3	15.2	12.7	8.2	2.3	1.4	.4	.1					900	9															

USAFETAC FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE







## PSYCHROMETRIC SUMMARY

69-73

**YEARS**

SEP  
MONTH

PAGE 2

ALL

HOURS (L, S, T.)

[illegible]

**USAFETAC**  
**FORM**  
**JRS 04**  
**0-26-5 (OLA)**  
**REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE**





## PSYCHROMETRIC SUMMARY

YEARS

CCT

**MONTH**

PAGE 1 0600-0800  
HOURS (L. S. T.)

[illegible]

**USAFETAC**      **FORM**      **0-26-5 (OLA)**      **REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE**  
**JUL 64**

## PSYCHROMETRIC SUMMARY:

YEARS

PAGE 1

0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

**USAFETAC**

## PSYCHROMETRIC SUMMARY

YEARS

OCT  
MONTH

0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
TOTAL	.9	9.7	13.9	16.4	19.7	14.8	14.2	7.1	1.9	.8	.6							928	928	928	928	

**USAFETAC**  
FORM 0-26.5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE





## PSYCHROMETRIC SUMMARY

69-78

YEARS

OCT

**MONTH**

PAGE 1

1500-1700  
HOURS (L. S. T.)

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC 0-26-5 (OL A)

## PSYCHROMETRIC SUMMARY

<u>C393C</u>	<u>LITTLE ROCK AFB AR</u>
STATION	STATION NAME

69-78

**YEARS**

**GCT**

**ALOMY H**

PAGE 2

1500-1700  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

59-78

YEARS

OCT  
MONTH

PAGE 1 1850-2000  
HOURS (L. S. T.)

0.26.5 (OLA)

FORM 990

## PSYCHROMETRIC SUMMARY

49-73

YEARS

ECT

**MCNTH**

PAGE 1

2100-2300  
HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

69-79

**YEARS**

GCT

**MONTY PI**

PAGE 1

A1-3

HOURLS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point											
92/ 91									.0			.0	.0	.0						7	7											
90/ 89								.0	.0	.0	.1	.1	.1	.1	.1					30	30											
88/ 87								.0	.1	.1	.3	.1	.2	.1						65	65											
86/ 85						.0		.1	.2	.3	.2	.1	.1	.1	.0					75	75											
84/ 83					.0	.0		.2	.1	.3	.2	.2	.1	.1	.0	.0				91	91											
82/ 81					.1	.3	.3	.4	.4	.6	.2	.2	.2	.2						193	193											
80/ 79				.1	.2	.3	.6	.3	.6	.4	.3	.2	.0	.0						217	217	6										
78/ 77		.0	.0	.3	.6	.4	.7	.4	.2	.2	.1	.0								224	224	6										
76/ 75			.1	.4	.5	.6	.7	.5	.4	.3	.1	.1	.0							278	278	36	10									
74/ 73	.0	.3	.6	1.0	.5	.7	.5	.6	.3	.2	.1	.0								351	351	120	18									
72/ 71			.4	1.0	.7	.7	.4	.5	.3	.3	.2	.0								356	356	217	45									
70/ 69	.1	.3	1.5	.6	.6	.6	.3	.4	.5	.1										431	431	282	161									
68/ 67	.1	.7	1.5	.9	.9	.4	.4	.6	.2	.1										435	435	428	215									
66/ 65	.3	1.7	1.3	1.3	.5	.2	.5	.5	.2	.1										506	506	487	333									
64/ 63	.2	2.1	1.3	1.2	.6	.4	.7	.3	.2											513	513	538	444									
62/ 61	.1	2.0	1.7	.7	.7	.4	.4	.3	.0											474	474	539	353									
60/ 59	.1	2.0	2.0	.8	.5	.6	.3	.2	.1											481	481	628	476									
58/ 57	.2	1.9	1.5	.6	.6	.3	.2	.0	.0											400	400	515	511									
56/ 55	.0	1.9	1.5	1.0	.7	.4	.1	.1												421	421	523	534									
54/ 53	.1	1.6	1.3	1.1	.6	.3	.1	.0												394	394	504	547									
52/ 51	.1	1.5	1.5	.9	.5	.1	.1													354	354	481	427									
50/ 49	.0	1.2	1.2	1.1	.4	.1	.1													300	300	461	426									
48/ 47	.0	1.3	.8	.7	.2	.1														230	230	408	372									
46/ 45		1.1	.9	.3	.3	.0														91	191	347	369									
44/ 43		1.0	.6	.2	.1															44	144	283	346									
42/ 41	.0	.9	.7	.1	.0															32	132	225	391									
40/ 39	.0	.6	.3	.1																84	84	167	415									
38/ 37	.0	.5	.1																	50	50	129	294									
36/ 35		.2	.1																	19	19	67	270									
34/ 33		.1	.1																	10	10	26	151									
32/ 31																						10	132									
30/ 29																						3	73									
28/ 27																							43									
26/ 25																							46									
Element (X)	Σ X <sup>2</sup>				Σ X				X̄				s <sub>x</sub>				No. Obs.				Mean No. of Hours with Temperature											
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																																
Wet Bulb																																
Dew Point																																

## PSYCHROMETRIC SUMMARY

59-75

oct

PAGE 2

ALL

ALL  
10-23-58

[illegible]



## PSYCHROMETRIC SUMMARY

NOV  
MONTH

PAGE 2 0000-0200  
HOURS (L. S. T.)

[illegible]

FORM 0-26-5 (OL. A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

**USAFETAC**



## PSYCHROMETRIC SUMMARY

62-73

YEARS

NOV  
MONTH

PAGE 2

0300-0500  
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (QLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

YEARS

NCV  
MONTH

PAGE 2 3600-0800  
HOURS (L. S. T.)

[illegible]

**USAFETAC**  
FORM 0-26-5 (OL A)  
JUL 64  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE





## PSYCHROMETRIC SUMMARY

62-73

**YEARS**

NOV  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL											
	1-2	3-4	5-6	7-8	9-10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
80/ 83															.2	.1											3	3																	
82/ 81								.2	.2	.1	.1	.4															10	10																	
80/ 79					.1	.3	.4	.3				.1	.3														15	15																	
78/ 77					1.0	.6	.3				.1	.2															20	20																	
76/ 75					.4	.8	.3	.4				.1															20	20																	
74/ 73			.1	.3	1.2	.8	.6	.1	.3	.1																	32	32																	
72/ 71		.2	.2	.3	.8	.9	.2	.3	.6	.2	.1																39	35	5																
70/ 69		.1	.7	1.7	1.1	.7	.1	.6	.7	.4	.1																55	55	21	2															
68/ 67		.9	1.2	.1	.9	.6		.9	.8	.4	.1																53	53	20	8															
66/ 65		.4	.3		.4	.2	1.0	.3	.6	.3	.2																46	46	51	12															
64/ 63		1.2	.1		.4	.9	2.6	.9	.7	.4																	65	65	49	33															
62/ 61		.4	.2	.1	.6	1.1	.8	1.1	.7																		45	46	43	52															
60/ 59		.7	.1	.3	1.1	1.4	1.3	1.0	.1																		59	55	24	25															
58/ 57		1.3	.4	.7	1.2	1.4	.7	.9	.6																		65	65	34	26															
56/ 55		.4	.1	.6	.8	1.0	.6	.7	.2																		39	40	38	33															
54/ 53		.6	.6	.7	1.2	.8	.6	.8																			46	46	42	26															
52/ 51	.1	.3	1.1	.6	.8	.7	.3	.4																			39	39	78	36															
50/ 49		.2	.9	.9	1.6	.8	1.0	.2																			50	50	77	9															
48/ 47		1.2	.4	.6	.6	1.2	.2																				38	38	55	24															
46/ 45		1.4	.1	.7	1.4	1.0	.1																				43	43	76	36															
44/ 43		.3	.3	1.3	.3	.8																					28	28	52	56															
42/ 41		.3	1.1	1.0	.6	.1																					28	28	43	52															
40/ 39	.1		1.0	.6	.3																						18	18	43	65															
38/ 37	.2	.6	.4	.3	.4	.2																					23	23	53	32															
36/ 35		.2			.3	.2																					7	7	39	49															
34/ 33		.6	.3		.4																						12	12	22	43															
32/ 31				.1	.2																						3	3	10	57															
30/ 29					.1																						1	1	5	49															
28/ 27				.1																							1	1	6	34															
26/ 25			.1																								1	1	6	27															
24/ 23		.1	.1																								2	2	2	26															
22/ 21																													4	20															
20/ 19																														18															
18/ 17																														17															
Element (X)	Σ x²		Σ x		x̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature																																		
Ref. Num.											≤ 0 F					≤ 32 F					≥ 67 F					≥ 73 F					≥ 80 F					≥ 93 F					Total				
Dry Bulb																																													
Wet Bulb																																													
Dew Point																																													



## PSYCHROMETRIC SUMMARY

YEARS

NOV  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

**YEARS**

PAGE 2

1500-1700  
HOURS (L. S. T.)

USAFETAC FORM 0.26-5 (OL A) JUL 64  
REPLACES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

YEARS

NOV  
MONTH

PAGE 1 1800-2000  
NEWS (L. S. T.)

## PSYCHROMETRIC SUMMARY

YEARS

總發行所

1800-2200  
HOURS (L. S. T.)

[illegible]

**USAFETAC** FORM 0-26-5 (OL 41) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

07430	LITTLE ROCK AFB AR
STATION	STATION NAME

69-78

YEARS

NOV

**MONTH**

PAGE 2

2100-2300  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

69-73

NOV  
MONTH

PAGE 1

ALL

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16-17	18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
84/ 83												.3	.0							4	4															
82/ 81							.0	.1	.3	.7	.1	.0								21	21															
80/ 79					.0	.1	.1	.1	.0	.0	.0									26	26															
78/ 77					.2	.1	.1	.7	.1	.1	.7									43	43															
76/ 75				.2	.1	.3	.1	.1	.0	.0			.0							61	61															
74/ 73			.1	.3	.3	.2	.2	.1	.1	.0										90	90															
72/ 71		.0	.5	.5	.3	.3	.1	.1	.1	.1	.0									142	142	8														
70/ 69		.2	.7	.6	.4	.3	.1	.2	.2	.1	.7									195	195	63	5													
68/ 67	.1	.6	1.1	.3	.5	.2	.1	.2	.2	.1	.0									242	242	114	47													
66/ 65	.1	1.0	1.0	.5	.3	.2	.3	.2	.2	.2	.0									292	292	227	83													
64/ 63	.1	1.2	.7	.3	.3	.4	.7	.5	.3	.1										326	326	247	186													
62/ 61	.1	1.3	.5	.5	.4	.4	.5	.3	.2	.0										305	306	269	265													
60/ 59	.0	1.4	.8	.6	.6	.5	.5	.4	.1											348	348	237	227													
58/ 57	.2	1.6	1.0	.6	.8	.7	.3	.3	.2											408	408	252	246													
56/ 55	.2	1.3	.6	1.1	.9	.6	.3	.2	.1											374	375	283	237													
54/ 53	.1	1.4	.8	1.3	1.1	.7	.3	.2												404	404	320	216													
52/ 51	.1	.9	1.4	1.0	.9	.4	.2	.2												365	355	371	254													
50/ 49	.1	1.7	1.8	1.1	.7	.5	.3	.1												447	447	445	138													
48/ 47	.1	2.2	1.5	1.3	.9	.5	.2													473	473	482	254													
46/ 45	.1	1.7	1.7	.9	.7	.5	.1													413	413	587	353													
44/ 43	.1	1.0	1.5	1.2	.5	.3	.0													333	333	444	387													
42/ 41	.3	1.0	1.7	1.1	.5	.1														331	331	426	398													
40/ 39	.4	1.2	1.8	.8	.3	.0														329	330	435	435													
38/ 37	.4	1.8	1.4	.6	.1	.0														311	311	438	384													
36/ 35	.2	2.0	1.1	.5	.1	.0														282	282	442	433													
34/ 33	.1	1.4	.8	.3	.2	.0														201	201	340	411													
32/ 31	.1	.9	.5	.2	.2															136	136	220	420													
30/ 29	.1	.6	.5	.1	.0															93	93	161	400													
28/ 27	.2	.5	.4	.1																84	84	107	270													
26/ 25	.1	.3	.4	.0																57	57	104	300													
24/ 23		.2	.2																	26	26	68	177													
22/ 21		.1	.1																	11	11	41	119													
20/ 19		.1	.1																	10	10	22	153													
18/ 17		.1	.0																	7	9	12	127													
Element (X)	Σ x <sup>2</sup>			Σ x			x̄			s <sub>x</sub>			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum.																≤ 0 F			≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (01 A)

**USAFETAC**

## PSYCHROMETRIC SUMMARY

YEARS

ALL

HOURS (L. S. T.)

[illegible]

USAFETAC  
FORM 0-26-5 (OL A)  
JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

YEARS

**MONTH**

0000-0200  
HOURS (L. S. T.)

[illegible]

0-26-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM JUL 64

## PSYCHROMETRIC SUMMARY

YEARS

DEC  
MONTH

0300-0500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
74/ 72				.1														1	1																
72/ 71			.1															1	1																
70/ 69	.1	.2																3	3	2	2														
68/ 67		.2	.3															5	5	3	1														
66/ 65		.3	.1															4	4	3	2														
64/ 63	.2	.7	.7	.1														15	15	13	10														
62/ 61	.3	.3		.1														11	12	4	3														
60/ 59	.3	.7	.1															13	11	17	9														
58/ 57	.3	.7	.1	.1	.2													13	13	9	14														
56/ 55	.3	.3	.7			.1												13	13	12	10														
54/ 53	.3	1.4	.6	.2	.1	.1												25	25	11	14														
52/ 51	.7	1.0	.2	.2		.1	.1											21	23	24	16														
50/ 49	.2	2.3	.4	.1		.3												28	29	25	12														
48/ 47	.3	2.4	.4	.1														30	30	28	20														
46/ 45	1.3	2.5	.6	.7	.2													50	51	44	40														
44/ 43	.6	2.2	3.3	1.3	.4													63	69	26	31														
42/ 41	.4	1.5	1.3	1.1	.1													41	43	35	28														
40/ 39	1.1	2.3	3.2	.6	.1													70	70	61	23														
38/ 37	1.0	2.9	3.0	1.0	.1													72	73	65	24														
36/ 35	.7	3.3	2.9	.7	.3													71	72	71	52														
34/ 33	.9	4.6	2.1	.6														74	75	93	64														
32/ 31	1.1	4.0	2.5	.2														70	76	70	55														
30/ 29	.9	3.9	2.1															62	63	78	80														
28/ 27	.6	4.8	.6															54	56	58	71														
26/ 25	.3	2.9	.2															31	31	64	51														
24/ 23	.2	1.9	.6															24	24	34	59														
22/ 21	.6	.7	.6	.1														17	17	22	63														
20/ 19	.4	1.3	.3															19	19	18	53														
18/ 17		.2	.1															3	3	12	26														
16/ 15																				4	31														
14/ 13																					6														
12/ 11		.1																1	1		7														
10/ 9		.1	.1															2	2	1	7														
8/ 7																					1														
Element (X)	Σ X <sup>2</sup>	Σ X	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

## PSYCHROMETRIC SUMMARY

0700 LITTLE ROCK AFB AR

62-73

DEF

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0300-0500

HOURS (L, S, Y.)

[illegible]



## PSYCHROMETRIC SUMMARY

69-78

DEC

STATION

SAY ON NAME

YEARS

MONTH

PAGE 2

3600-5800

5650-584  
HOURS (A.S.T.)

[illegible]

**USAFETAC** FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

42-73

**YEARS**

DEC  
MONTH

PAGE 1

0900-1100  
HOURS (E. S. T.)

**USAFETAC**  
FORM  
NO. 1-64  
**0-26.5 (OL A)**  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

YEARS

DEC

**MCNIN**

PAGE 2

0900-1100  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

29-7c

**YEARS**

050

MCN 10

PAGE 1 1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
76/ 75							.1											1	1																
74/ 73						.1	.2											3	3																
72/ 71				.4	.1	.1	.2											8	9																
70/ 69		.1	.1	.1			.1	.1										5	5																
68/ 67		.3	.3	.3	.3	.3	.1	.2		.2								19	19	2	2														
66/ 65		.7	.5	1.0	.4	.2	.3	.1	.3	.1								24	34	15	7														
64/ 63	.1	.1	.2	.3	.4	1.0	.4	.3	.1	.3								35	35	10	7														
62/ 61	.2	.3	.9	.4	.3		.3	.1	.7	.3								38	38	20	11														
60/ 59	.2	.7	.3	.3	.7	.3	.1	.3		.3								29	29	22	14														
58/ 57		.1	.1	.1	.3	.3	.7		.3									22	22	13	19														
56/ 55	.3	1.1	.3	.4	.4	.7	1.4											51	51	26	13														
54/ 53	.2	1.3	.9	.7	1.1	1.4	1.1	.2										62	64	35	19														
52/ 51	.2	1.5	1.6	.7	1.3	2.1	.2											73	74	30	19														
50/ 49	.4	1.3	.7	1.5	1.6	.9	.5	.2										66	68	49	28														
48/ 47	.9	1.4	.3	1.3	3.2	1.2	.3											61	82	57	41														
46/ 45	.3	1.2	.3	1.2	1.5	1.1	.5											62	55	65	41														
44/ 43	.2	2.0	1.5	1.4	1.3	1.2	.3											73	74	32	36														
42/ 41	.5	.9	1.9	1.4	1.7	.3	.2											68	70	100	30														
40/ 39	.3	.3	1.6	1.6	.3	.3												44	46	74	41														
38/ 37	.4	.5	.3	.3	.7													29	30	62	33														
36/ 35	.3	.3	.7	1.3	.3													39	39	76	54														
34/ 33	.3	.3	.5	1.1	.2													27	27	57	51														
32/ 31	.3	.3	.4	.5	.2													17	17	37	69														
30/ 29		.7	.1	.1	.2													10	10	25	72														
28/ 27	.2	.5	.3	.4														14	14	29	53														
26/ 25	.1		.1															2	2	13	49														
24/ 23																				6	36														
22/ 21																				4	43														
20/ 19				.1														1	1	1	32														
18/ 17				.1														1	1		22														
16/ 15			.1															1	1	1	24														
14/ 13																				1	18														
12/ 11																				1	12														
10/ 9																					5														
Element (X)	Σ X <sup>2</sup>		Σ X		X̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 57 F		≥ 73 F		≥ 80 F		≥ 93 F		Total												
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

## PSYCHROMETRIC SUMMARY

49-73

YEARS

DEC

PAGE 2 1200-1400  
MAY 14 1964

[illegible]

**USAFETAC** FORM 0-26.5 (OL. A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

STATION LITTLE ROCK AFB AR  
STATION NAME

69-78  
YEARS

YEARS

DEC  
MONTH

MONTH

PAGE 1

1500-1700  
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL								
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		31	Dry Bulb	Wet Bulb	Dew	oint				
78/ 73													.2																				2	2							
74/ 73													.2	.1	.1																	6	6								
72/ 71																																2	2								
70/ 69				.1	.2	.5		.2	.1	.2	.2					.1																16	16								
68/ 67				.4	.4	.3		.4	.3	.4	.1	.1	.1																			25	25	7	2						
66/ 65		.1	.8	.1	1.1	.1	.2	.3	.1							.1																26	26	10	4						
64/ 63		.1	.3	.3	.8	.5	.8	.4	.7	.1	.3																					36	36	17	12						
62/ 61		.2	.2	.4	.4	.2	.3	.2	.3	.9	.7																					36	36	1	7						
60/ 59		.1	.7	.2	.3	.4	.4	1.3	.2	.5																						39	39	2	15						
58/ 57			.3	.4	.3	.1	.5	.5	.7		.1																					27	28	20	23						
56/ 55		.7	1.4	.1	.7	.5	.5	1.2	.5																							54	56	26	21						
54/ 53		.1	.3	.5	.4	.5	1.3	.7	.4																							44	46	32	16						
52/ 51		.2	.8	1.4	1.2	.3	.9	1.1	.4																							67	70	29	23						
50/ 49		.7	.8	.4	1.2	2.1	1.5	1.5	.1																							75	76	42	27						
48/ 47		.4	1.3	.8	1.6	1.3	1.6	.4	.1																							71	72	50	24						
46/ 45			.4	2.4	1.6	1.6	1.2	.5																								81	81	71	36						
44/ 43			1.9	1.4	1.9	1.4	1.4	.1																								74	77	75	30						
42/ 41		.1	1.1	1.6	1.5	2.1	.7	.1																								72	73	105	29						
40/ 39		.2	.5	.7	1.3	.5	.2	.1																								33	36	85	48						
38/ 37				.4	1.4	.5	.1																									31	32	82	49						
36/ 35		1.3	.7	.2	.7	.5	.1																									29	29	65	64						
34/ 33			.8	.4	.5	.1																										17	17	47	46						
32/ 31		.1	.7	.1	.7	.5																										22	22	34	57						
30/ 29		.1	.2	.3	.2																											8	8	23	55						
28/ 27		.4	.9	.2	.2																											16	16	26	64						
26/ 25																																			16	46					
24/ 23																																			5	37					
22/ 21					.2																											2	2	2	36						
20/ 19					.1																											1	1		44						
18/ 17																																				29					
16/ 15																																			3	23					
14/ 13																																				10					
12/ 11																																				11					
10/ 9																																				4					
Element (X)	$\Sigma X^2$					$\Sigma X$					$\bar{X}$					$\sigma_X$					No. Obs.					Mean No. of Hours with Temperature															
Rel. Hum.																										$\leq 0$ F						$\geq 32$ F	$\geq 67$ F	$\geq 73$ F	$\geq 80$ F	$\geq 93$ F	Total				
Dry Bulb																																									
Wet Bulb																																									
Dew Point																																									

## PSYCHROMETRIC SUMMARY

69-75

DEC  
MONTH

PAGE 2 1500-1700  
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OLA) JUL 64

## PSYCHROMETRIC SUMMARY

59-78

YEARS

DEC  
MONTH

PAGE 1 1800-2030  
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OL A)

WCH  
M 64

## PSYCHROMETRIC SUMMARY

DEC  
MONTH

PAGE 2 1800-2000  
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
7/ 1																									
7/ -1																									
7/ -7																									
TOTAL	7.123	426	322	911	9	5.2	2.5	.9	.1										905	927	905				

## PSYCHROMETRIC SUMMARY

YEARS

DEC  
MONTH

PAGE 1 2100-2300  
HOURS (L. S., T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFW WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

00030 LITTLE ROCK AFB AR 69-70 YEARS DEC  
STATION STATION NAME MONTH  
PAGE 2 2100-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
17																																				
16																																				
15																																				
14																																				
13																																				
12																																				
11																																				
10																																				
9																																				
8																																				
7																																				
6																																				
5																																				
4																																				
3																																				
2																																				
1																																				
0																																				
Mean	9.33	3.33	4.21	6.4	3.4	1.0	.4	.7																												
TOTAL																			906		927		906													
Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_X$	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.	5193678	66978	73.916	.359	906	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																									
Dry Bulb	1699633	38591	41.610	.526	927		15.3	1.0																												
Wet Bulb	1438159	34807	36.410	.131	906		27.9	.4																												
Dew Point	1152464	35240	33.412	.576	906	.4	48.1	.1																												
Total																																				

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLINICAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR-HEAT-CH-SERVICE/MAC

# PSYCHROMETRIC SUMMARY

STATION: LITTLE ROCK AFB AR YEARS: 69-70 DEF: MONTH: ALL

PAGE 1 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
70/70																													3	3					
70/71																													10	10					
71/71																													14	14					
71/69																													40	40	6	2			
69/67																													76	77	21	12			
66/65																													113	114	52	26			
64/61																													160	163	84	66			
62/61																													161	163	114	75			
62/59																													155	156	120	92			
57/57																													186	187	119	126			
55/55																													231	233	142	121			
50/50																													253	257	197	120			
47/41																													346	363	212	144			
47/46																													335	347	252	161			
47/47																													396	404	283	239			
47/45																													579	586	374	293			
44/43																													570	584	448	231			
42/41																													503	513	545	244			
41/37																													505	523	545	292			
37/37																													489	502	628	312			
37/35																													485	496	570	442			
34/33																													422	432	615	456			
32/31																													349	358	509	509			
32/29																													267	273	406	551			
27/27																													259	265	349	567			
26/25																													159	156	281	402			
24/23																													75	75	167	346			
22/21																													62	62	104	343			
21/19																													46	46	67	361			
18/17																													13	13	29	240			
15/15																													6	6	20	163			
14/13																													4	4	4	95			
12/11																													3	3	5	67			
10/9																													3	3	4	41			
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						$\leq 0$ F	$\leq 32$ F	$\geq 67$ F	$\geq 73$ F	$\geq 80$ F	$\geq 93$ F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

65-73

DEC

**MONTH**

YEARS

PAGE 2

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
77																								
76																								
75																								
74																								
73																								
72																								
71																								
70																								
69																								
68																								
67																								
66																								
65																								
64																								
63																								
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54																								
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52																								
51																								
50																								
49																								
48																								
47																								
46																								
45																								
44																								
43																								
42																								
																		</						

## PSYCHROMETRIC SUMMARY

YEARS

ALL  
MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
1-1/105																	1	1																	
1-1/103																	1	2																	
1-2/101																	29	29																	
1-3/99																	129	129																	
1-4/97																	256	256																	
1-5/95																	459	459																	
1-6/93																	717	717																	
1-7/91																	1098	1098																	
1-8/89																	1578	1578	1																
1-9/87																	1774	1774	1																
1-10/85																	1792	1792	2																
1-11/83																	2267	2267	47																
1-12/81																	3053	3053	383																
1-13/79																	3072	3072	1337																
1-14/77																	3124	3124	2967																
1-15/75																	4206	4206	4358																
1-16/73																	4379	4379	5180																
1-17/71																	3968	3969	5187																
1-18/69																	3747	3748	4438																
1-19/67																	3260	3261	4249																
1-20/65																	3295	3296	3948																
1-21/63																	3434	3437	3784																
1-22/61																	2990	2994	3655																
1-23/59																	2705	2706	3474																
1-24/57																	2695	2697	2992																
1-25/55																	2638	2642	2877																
1-26/53																	2504	2508	2814																
1-27/51																	2565	2602	2823																
1-28/49																	2458	2470	2851																
1-29/47																	2503	2511	2621																
1-30/45																	2890	2897	2983																
1-31/43																	2326	2340	2764																
1-32/41																	2111	2121	2798																
1-33/39																	2126	2147	2720																
Element (X)	Σ x²		Σ x		x̄		s²		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																		
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

## PSYCHROMETRIC SUMMARY

41.

**MONT**

ALL

**HOURS** 11, 3, 7.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
31/-35	.2	.7	.8	.4	.1	.0												1930	1943	2686	2376														
30/-36	.2	.7	.7	.4	.1	.0												1785	1796	2500	2644														
29/-37	.2	.8	.6	.3	.1	.0												1667	1678	2353	2435														
28/-38	.1	.6	.5	.2	.1													1327	1336	1859	2359														
27/-39	.1	.5	.5	.1	.													1135	1141	1516	2418														
26/-40	.1	.7	.4	.1	.													1123	1129	1360	2472														
25/-41	.1	.5	.3	.	.													765	766	1320	1980														
24/-42	.1	.3	.2	.	.													453	453	872	1493														
22/-41	.1	.2	.1	.	.													373	373	573	1484														
21/-40	.0	.2	.1	.	.													275	275	425	1411														
19/-38	.0	.1	.1	.	.													149	149	249	1122														
18/-37	.0	.1	.	.	.													94	94	158	841														
17/-36	.0	.	.	.	.													65	65	107	506														
16/-35	.0	.	.	.	.													41	41	80	368														
15/-34	.0	.	.	.	.													32	32	45	393														
14/-33	.0	.	.	.	.													28	28	38	246														
13/-32	.0	.	.	.	.													7	7	20	202														
12/-31																				3	143														
11/-30																					82														
10/-29																					48														
9/-28																					81														
8/-27																					39														
7/-26																					23														
6/-25																					9														
5/-24																					4														
4/-23																					1														
3/-22																																			
2/-21																																			
1/-20																																			
TOTAL	3.223	4.22	9.15	110.5	7.7	6.1	4.3	3.5	2.0	1.0	.5	.2	.0	.0				87628		87463															
																		87463		87463															

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	447791400	6043646	69.118	576	87463	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	358751371	5379757	61.418	029	87628		588.1	3896.0	2796.2	1455.3	159.3	8760
Wet Bulb	290694673	4843657	55.416	023	87463		865.1	2807.8	1419.7	86.9		8760
Dew Point	248138398	4386070	50.117	952	87463	20.8	1778.1	2088.9	591.1	7.0		760

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFW WEATHER SERVICE/AFAC

## MEANS AND STANDARD DEVIATIONS

DAY-ROLLS TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

STATION: LITTLE ROCK AFB AR

69-76

STATION		YEARS												
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
10-00	MEAN	35.7	39.8	48.4	57.3	63.3	71.1	75.0	73.0	68.5	56.8	47.2	40.0	56.4
	S D	13.11	11.22	10.25	9.40	7.00	5.92	4.97	4.67	7.39	9.17	11.09	10.37	16.06
	TOTAL OBS	930	846	930	899	930	900	929	930	899	930	900	930	10953
12-00	MEAN	34.2	37.9	46.3	54.6	61.1	68.7	72.9	71.0	67.0	54.7	46.4	38.5	54.5
	S D	12.44	11.47	10.35	9.92	7.27	5.66	4.66	4.57	7.33	9.25	11.44	10.66	16.04
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
14-00	MEAN	33.6	37.3	45.4	56.4	64.6	72.4	76.2	73.6	68.4	55.7	45.4	38.0	55.7
	S D	12.70	11.46	10.27	9.26	7.33	6.11	5.22	4.86	7.36	9.06	11.43	10.46	17.25
	TOTAL OBS	930	846	930	900	930	899	930	930	900	930	900	930	10955
16-00	MEAN	34.5	43.9	53.5	65.1	73.0	80.6	85.0	83.0	76.8	65.8	52.8	43.4	63.5
	S D	12.49	11.53	10.67	8.32	7.63	6.65	5.97	5.29	7.39	9.16	10.87	9.69	16.25
	TOTAL OBS	930	846	930	900	930	900	930	930	900	928	900	930	10954
18-00	MEAN	43.4	50.0	58.7	70.2	77.5	85.0	89.2	87.6	81.4	71.8	58.1	48.7	68.6
	S D	12.20	11.23	11.54	8.92	8.36	6.67	6.48	5.34	7.71	9.73	11.73	10.10	18.20
	TOTAL OBS	930	846	930	900	929	900	930	929	900	930	900	930	10954
20-00	MEAN	44.9	51.6	60.0	71.6	78.1	85.4	88.9	87.5	81.7	72.1	58.2	49.2	69.2
	S D	13.20	11.53	11.69	8.97	7.86	6.83	6.69	5.60	7.75	9.57	11.75	10.12	17.89
	TOTAL OBS	930	845	929	900	930	900	930	930	900	930	900	930	10954
22-00	MEAN	40.5	47.0	55.7	66.6	73.2	81.0	84.1	81.8	75.3	64.1	52.5	44.6	64.0
	S D	12.10	11.56	10.82	8.68	7.31	6.49	6.21	5.31	7.62	9.31	10.74	9.70	17.35
	TOTAL OBS	930	846	930	900	929	900	930	930	900	929	900	927	10951
24-00	MEAN	37.7	42.9	51.4	61.1	67.0	74.8	78.3	76.1	70.7	59.3	49.1	41.6	59.3
	S D	11.88	10.24	10.17	8.72	6.75	6.36	5.32	4.68	7.60	9.05	10.78	10.32	16.34
	TOTAL OBS	930	846	930	899	930	900	930	930	900	929	900	927	10951
ALL HOURS	MEAN	38.6	43.8	52.6	62.9	69.7	77.4	81.2	79.2	73.7	62.5	51.1	43.0	61.4
	S D	13.12	11.81	11.83	10.87	9.63	8.77	8.30	8.02	9.31	11.36	12.23	10.91	18.02
	TOTAL OBS	7440	6767	7439	7198	7438	7199	7439	7439	7199	7436	7200	7434	67628

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

NET-PHLE TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

67900 LITTLE ROCK AFB AR

69-75

STATION		STATION NAME													YEARS												
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL													
0-02	MEAN	33.2	38.5	44.2	52.6	60.1	67.5	71.7	69.6	65.7	53.5	44.0	37.3	53.1													
	S D	11.993	9.625	9.683	9.233	7.111	5.548	4.336	4.520	7.442	9.023	10.697	10.373	15.845													
	TOTAL OBS	930	846	930	899	930	900	929	930	899	900	900	909	10932													
3-05	MEAN	32.2	35.1	42.8	51.0	58.7	66.1	70.4	68.4	64.7	52.0	42.7	36.2	51.8													
	S D	12.392	10.103	9.881	9.778	7.419	5.696	4.465	4.628	7.609	9.233	11.306	10.621	15.986													
	TOTAL OBS	930	846	930	899	930	900	930	930	900	930	900	909	10934													
6-08	MEAN	31.5	34.7	43.0	52.4	60.9	68.3	72.2	69.9	65.5	52.7	42.7	35.9	52.6													
	S D	12.091	10.120	10.019	9.494	7.225	5.446	4.347	4.499	7.550	9.092	11.372	10.455	16.685													
	TOTAL OBS	930	846	930	900	930	899	930	929	900	930	900	906	10932													
9-11	MEAN	30.1	30.1	47.0	57.1	64.7	71.4	75.4	73.5	69.1	58.3	47.3	39.6	56.6													
	S D	11.131	9.767	9.829	8.446	6.832	5.223	4.111	3.875	6.947	8.533	10.637	9.597	16.233													
	TOTAL OBS	930	846	930	898	930	900	930	930	900	928	900	914	10936													
12-14	MEAN	30.2	42.6	49.7	59.1	66.1	72.6	76.1	74.5	70.5	60.5	49.7	42.7	58.6													
	S D	12.056	9.842	9.593	8.096	6.497	5.070	3.956	3.727	6.613	8.461	10.580	9.496	15.401													
	TOTAL OBS	930	846	930	879	928	900	930	929	900	930	898	915	10935													
15-17	MEAN	38.9	43.5	50.1	59.4	66.2	72.6	75.9	74.1	70.4	60.4	49.7	42.9	58.8													
	S D	11.835	9.402	9.318	7.819	6.211	4.776	3.810	3.662	6.496	8.205	10.487	9.479	15.567													
	TOTAL OBS	930	845	929	900	930	900	930	930	910	930	900	912	10936													
18-20	MEAN	36.4	41.0	48.1	57.5	64.7	71.6	74.8	72.8	68.8	57.6	47.0	40.3	56.8													
	S D	11.561	9.360	9.256	8.223	6.397	4.936	3.973	3.865	6.838	8.572	10.446	9.773	15.567													
	TOTAL OBS	930	846	930	900	929	900	930	930	900	929	899	905	10928													
21-23	MEAN	34.5	38.6	46.0	55.0	62.2	69.6	73.1	71.1	66.9	55.1	45.1	38.4	54.7													
	S D	11.678	9.505	9.326	8.665	6.723	5.229	4.178	4.197	7.342	8.806	10.630	10.131	15.725													
	TOTAL OBS	930	846	930	899	930	900	930	930	900	929	900	906	10930													
ALL HOURS	MEAN	35.0	36.9	46.4	55.5	63.0	70.0	73.7	71.7	67.7	56.2	46.0	39.2	55.4													
	S D	12.311	10.154	9.980	9.248	7.326	5.729	4.606	4.660	7.430	9.312	11.118	10.311	16.023													
	TOTAL OBS	7440	6767	7439	7194	7437	7199	7439	7438	7199	7436	7197	7278	87463													

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

00930 LITTLE ROCK AFB AR

59-75

STATION		STATION NAME												YEARS											
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
0-00	MEAN	24.2	31.5	39.1	44.1	57.7	65.6	70.0	67.8	64.0	50.5	39.9	33.1	49.7											
	S D	14.45	11.45	11.23	11.03	8.22	6.04	4.59	5.06	6.32	13.20	12.54	12.33	17.73											
	TOTAL OBS	930	846	930	899	930	900	929	930	899	930	900	909	10932											
03-05	MEAN	27.6	30.4	35.3	47.3	56.8	64.6	69.2	66.9	63.2	49.4	39.1	32.4	48.9											
	S D	11.75	11.54	11.26	11.29	8.32	6.05	4.82	5.16	6.27	10.21	12.90	12.40	17.74											
	TOTAL OBS	930	846	930	899	930	900	930	930	900	930	900	909	10934											
06-08	MEAN	27.0	31.1	36.6	48.6	58.3	66.0	70.3	67.9	63.7	49.9	39.2	32.2	49.5											
	S D	15.06	11.90	11.56	11.25	8.29	6.02	4.77	5.03	6.31	10.19	13.08	12.27	18.23											
	TOTAL OBS	930	846	930	900	930	899	930	929	900	930	900	908	10932											
09-11	MEAN	28.5	31.9	39.7	50.0	59.2	66.6	71.1	68.9	64.8	52.1	40.8	33.9	50.8											
	S D	15.30	12.21	12.29	11.77	8.95	6.61	5.03	5.13	6.64	10.86	13.55	12.36	18.21											
	TOTAL OBS	930	846	930	899	930	900	930	930	900	928	900	914	10936											
12-14	MEAN	29.3	32.6	40.0	49.9	58.9	66.2	70.3	68.1	64.5	51.7	40.6	34.4	50.6											
	S D	15.37	12.47	12.43	11.82	9.02	6.90	5.14	5.56	6.83	11.46	14.03	13.14	18.02											
	TOTAL OBS	930	846	930	899	928	900	930	929	900	930	898	915	10935											
15-17	MEAN	29.5	32.7	39.6	49.4	58.6	66.1	70.0	67.5	64.2	51.2	40.3	34.3	50.4											
	S D	15.20	12.49	12.47	11.85	8.94	6.76	5.11	5.73	6.82	11.44	13.92	13.31	17.91											
	TOTAL OBS	930	845	929	900	930	900	930	930	900	930	900	912	10936											
18-20	MEAN	29.3	32.7	39.7	49.6	59.1	66.7	70.5	68.4	65.1	52.2	40.6	34.0	50.8											
	S D	14.52	11.98	11.68	11.71	8.61	6.41	4.97	5.33	7.95	10.34	13.13	12.82	17.85											
	TOTAL OBS	930	846	930	900	929	900	930	930	900	929	899	905	10928											
21-23	MEAN	28.9	32.2	39.8	49.6	58.9	66.7	70.7	68.5	64.6	51.4	40.1	33.4	50.5											
	S D	14.31	11.63	11.20	11.89	8.17	5.91	4.65	4.96	7.95	10.12	12.79	12.57	17.79											
	TOTAL OBS	930	846	930	899	930	900	930	930	900	929	900	906	10930											
ALL HOURS	MEAN	28.6	31.7	39.3	49.1	58.4	66.1	70.3	68.0	64.3	51.1	40.1	33.5	50.1											
	S D	14.89	12.01	11.81	11.52	8.60	6.38	4.92	5.28	6.35	10.65	13.27	12.67	17.95											
	TOTAL OBS	7440	6767	7439	7194	7437	7199	7439	7436	7199	7436	7197	7278	87463											

The following table shows the results of the regression analysis for the dependent variable  $\ln Y$  (natural logarithm of income) against the independent variables  $\ln X$  (natural logarithm of expenditure) and  $\ln Z$  (natural logarithm of population). The table includes the estimated coefficients, standard errors, and t-statistics for each variable.

Variable	Coefficient	Standard Error	t-statistic
$\ln X$	0.85	0.05	17.00
$\ln Z$	0.12	0.03	4.00
Constant	-1.50	0.20	-7.50

The results indicate that both  $\ln X$  and  $\ln Z$  are significant predictors of  $\ln Y$ . The coefficient for  $\ln X$  is positive and statistically significant, suggesting that higher expenditure is associated with higher income. The coefficient for  $\ln Z$  is also positive and statistically significant, indicating that larger populations are associated with higher income levels. The constant term is negative and statistically significant.



1

### RELATIVE HUMIDITY

07930  
STATION

LITTLE ROCK AFB AR

69-78

FEB

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		0%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.4	98.1	92.1	77.3	55.6	31.6	11.2	72.1	846
	03-05	100.0	100.0	99.8	99.1	96.0	86.5	63.5	38.2	12.5	75.2	846
	06-08	100.0	100.0	99.6	99.2	96.1	87.2	68.4	40.7	13.2	76.0	846
	09-11	100.0	99.8	98.6	94.0	78.4	57.4	34.4	20.1	7.6	64.5	846
	12-14	100.0	98.7	91.4	73.9	51.1	33.3	23.2	12.9	4.5	54.5	846
	15-17	100.0	87.0	65.6	65.9	47.3	30.8	19.5	11.1	4.0	51.7	845
	18-20	100.0	99.5	95.5	84.3	67.1	47.6	29.4	16.0	4.6	60.1	846
	21-23	100.0	100.0	99.1	94.2	85.2	65.5	42.6	23.4	6.4	67.4	846
TOTALS		100.0	99.4	96.1	88.6	76.7	60.7	42.1	24.3	8.0	65.2	6767

## RELATIVE HUMIDITY

07900	LIII	ROCK AFB AR	69-78	MAR
STATION		STATION NAME	PERIOD	MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	99.2	97.8	91.5	75.7	55.9	29.2	8.8	71.4	930
	03-05	100.0	100.0	99.9	99.2	94.7	84.0	63.8	36.5	11.6	74.7	930
	06-08	100.0	99.9	99.9	99.4	95.6	82.6	65.7	36.9	13.2	75.0	930
	09-11	100.0	100.0	98.2	89.0	69.5	50.4	33.3	16.5	5.7	61.9	930
	12-14	100.0	99.2	87.1	69.1	50.8	33.1	21.8	8.8	3.1	53.0	930
	15-17	100.0	98.2	80.7	62.3	46.0	32.1	21.9	10.4	3.8	51.0	929
	18-20	100.0	99.6	92.7	76.9	59.9	45.2	29.5	14.7	4.0	56.0	930
	21-23	100.0	99.9	99.2	94.2	81.3	62.6	43.1	21.0	5.7	66.3	930
TOTALS		100.0	99.6	94.7	86.2	73.7	58.2	41.9	21.8	7.0	63.9	7439

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

03930 LITTLE ROCK AFB AR  
STATION STATION NAME

69-78  
PERIOD

APR  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	97.8	92.8	79.4	56.7	31.3	10.7	72.7	899
	03-05	100.0	100.0	100.0	99.3	97.0	89.9	68.3	41.7	17.5	77.1	899
	06-08	100.0	100.0	100.0	99.6	96.9	85.3	68.4	38.8	14.3	76.0	900
	09-11	100.0	99.6	97.4	85.7	66.6	48.3	31.1	15.3	4.9	60.4	898
	12-14	100.0	98.7	90.1	66.3	45.5	28.1	16.4	8.2	1.6	51.2	899
	15-17	100.0	97.4	83.2	59.3	40.1	25.7	15.8	8.0	2.0	48.8	900
	18-20	100.0	99.3	93.9	78.9	59.4	37.6	25.1	14.9	4.4	57.0	900
	21-23	100.0	100.0	99.6	95.0	85.1	64.3	43.5	21.9	8.1	67.4	899
TOTALS		100.0	99.4	95.5	85.2	72.9	57.3	40.7	22.5	7.9	63.8	7194

1



69-76

MAY  
MONTH

• • • • •

1  
DATA PROCESSING BRANCH  
ETAC/USAF  
AFD WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

3930 LITTLE ROCK AFB AR 69-78 JUN  
STATION STATION NAME PERIOD MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	99.8	97.6	89.9	63.4	22.8	82.9	900
	03-05	100.0	100.0	100.0	100.0	100.0	99.4	96.4	78.7	35.1	86.8	900
	06-08	100.0	100.0	100.0	100.0	99.3	95.2	80.5	56.1	19.0	80.8	899
	09-11	100.0	100.0	100.0	95.7	82.0	57.2	30.3	13.7	3.2	63.9	900
	12-14	100.0	100.0	98.4	84.8	57.8	30.1	14.4	6.0	1.4	54.9	900
	15-17	100.0	100.0	97.0	83.3	54.1	29.6	15.3	6.9	2.2	54.2	900
	18-20	100.0	100.0	99.7	95.0	80.0	54.7	31.2	14.0	3.1	63.5	900
	21-23	100.0	100.0	100.0	99.8	98.4	90.9	68.4	38.2	11.2	76.5	900
TOTALS		100.0	100.0	99.4	94.8	83.9	69.3	53.3	34.6	12.3	70.4	7199

## RELATIVE HUMIDITY

STATION

LITTLE ROCK AFB AR  
STATION NAME

69-78

PERIOD

JUL  
MONTH

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN.	02-02	100.0	100.0	100.0	100.0	100.0	99.0	93.5	71.9	25.5	84.8	929
	03-05	100.0	100.0	100.0	100.0	99.9	98.8	97.2	85.7	36.8	88.2	930
	06-08	100.0	100.0	100.0	100.0	99.2	97.0	86.6	60.5	20.3	82.3	930
	09-11	100.0	100.0	100.0	98.2	87.0	59.6	28.1	11.3	2.6	64.1	930
	12-14	100.0	100.0	99.4	88.7	56.9	29.0	12.9	5.6	1.1	55.1	930
	15-17	100.0	100.0	99.5	87.6	53.4	30.1	16.0	8.0	1.5	55.3	930
	18-20	100.0	100.0	100.0	97.3	83.9	56.9	34.6	15.7	3.5	65.0	930
	21-23	100.0	100.0	100.0	100.0	99.2	93.3	74.3	43.9	11.3	77.9	930
TOTALS		100.0	100.0	99.9	96.5	84.9	70.5	55.4	37.8	12.8	71.6	7439

## RELATIVE HUMIDITY

AUG  
MON

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	99.8	98.4	93.1	71.4	19.4	83.9	930
	03-05	100.0	100.0	100.0	100.0	99.8	99.1	96.8	83.2	25.8	86.8	930
	06-08	100.0	100.0	100.0	100.0	99.7	96.2	88.4	64.7	17.8	82.7	929
	09-11	100.0	100.0	100.0	98.0	85.1	55.5	28.5	11.2	2.7	63.5	930
	12-14	100.0	100.0	98.9	84.1	54.3	22.9	10.8	5.3	.8	53.3	929
	15-17	100.0	100.0	98.0	80.4	51.7	25.2	13.0	5.6	1.4	53.1	930
	18-20	100.0	100.0	99.8	96.9	84.3	61.1	34.4	15.7	3.5	65.1	930
	21-23	100.0	100.0	100.0	99.9	99.0	93.8	75.9	44.0	7.1	77.8	930
TOTALS		100.0	100.0	98.6	94.9	84.2	69.3	55.1	37.6	10.2	70.8	7438

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LITTLE ROCK AFB AR  
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## RELATIVE HUMIDITY

OCT  
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
001	00-02	100.0	100.0	100.0	99.7	98.0	93.0	81.9	56.3	13.5	79.9	930
	03-05	100.0	100.0	100.0	100.0	98.9	95.4	87.4	66.7	20.1	82.6	930
	06-08	100.0	100.0	100.0	100.0	99.1	94.9	83.5	60.9	17.4	81.4	930
	09-11	100.0	100.0	99.0	92.9	74.4	52.5	33.0	17.6	4.4	63.1	928
	12-14	100.0	99.8	91.5	68.4	44.5	28.6	15.6	7.8	1.2	51.5	930
	15-17	100.0	99.7	88.1	66.6	41.6	25.6	15.1	8.5	2.2	50.4	930
	18-20	100.0	100.0	99.8	95.9	84.8	66.4	41.2	18.8	4.6	66.8	929
	21-23	100.0	100.0	100.0	99.5	95.8	89.2	67.6	40.7	8.6	76.0	929
TOTALS		100.0	99.9	97.3	90.4	79.6	66.2	53.2	34.7	9.0	69.0	7436

## RELATIVE HUMIDITY

03930 LITTLE ROCK AFB AR  
STATION STATION NAME

69-78

53V  
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NCA	00-02	100.0	100.0	100.0	99.6	95.4	85.4	70.4	41.4	15.1	76.6	950
	03-05	100.0	100.0	99.9	99.3	97.4	90.1	76.1	52.0	19.6	79.3	900
	06-08	100.0	100.0	100.0	99.0	96.8	91.2	76.9	52.9	20.7	79.7	900
	09-11	100.0	99.9	97.3	91.1	78.4	61.0	40.3	24.9	9.2	65.9	900
	12-14	100.0	99.2	89.2	73.1	55.1	37.2	23.1	15.4	5.8	55.5	898
	15-17	100.0	99.4	89.3	71.7	53.1	37.0	22.3	14.1	5.1	54.8	900
	18-20	100.0	100.0	98.0	91.9	61.0	60.4	37.2	23.9	7.7	65.8	899
	21-23	100.0	100.0	99.9	97.3	90.7	77.3	57.4	34.0	11.6	72.5	900
TOTALS		100.0	99.6	96.	90.4	81.0	67.5	50.5	32.3	11.9	68.8	7197

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

03930  
STATION

LITTLE ROCK AFB AR  
STATION NAME

69-78  
PERIOD

DEC  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	99.9	98.3	95.5	87.0	69.4	43.3	20.5	77.3	909
	03-05	100.0	100.0	100.0	99.7	97.1	91.5	75.0	49.5	23.9	79.4	909
	06-08	100.0	100.0	100.0	99.6	97.6	92.4	75.0	52.6	26.9	83.3	908
	09-11	100.0	100.0	99.1	94.7	85.9	69.4	52.2	34.0	16.7	71.2	914
	12-14	100.0	98.9	92.8	81.7	63.1	47.5	35.4	23.4	12.6	61.4	915
	15-17	100.0	98.6	92.0	77.4	60.3	45.5	34.1	22.1	12.4	60.3	912
	18-20	100.0	100.0	99.0	92.5	80.8	66.2	45.5	29.2	15.2	68.6	905
	21-23	100.0	100.0	99.7	96.6	90.9	79.5	59.7	37.1	17.5	73.9	906
TOTALS		100.0	99.7	97.8	92.6	83.9	72.4	55.8	36.4	18.2	71.6	7278

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

53930 STATION LITTLE ROCK AFB AP 69-76 PERIOD ALL MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.9	98.1	91.8	81.7	67.0	49.9	33.3	16.3	69.6	7440
FEB		100.0	99.4	96.1	88.6	76.7	60.7	42.1	24.3	8.0	65.2	6767
MAR		100.0	99.6	94.7	86.2	73.7	58.2	41.9	21.8	7.0	63.9	7439
APR		100.0	99.4	95.5	85.2	72.9	57.3	40.7	22.5	7.9	63.6	7194
MAY		100.0	100.0	98.6	91.7	80.9	67.9	54.1	35.8	14.4	70.1	7437
JUN		100.0	100.0	99.4	94.5	83.9	69.3	53.3	34.6	12.3	70.4	7199
JUL		100.0	100.0	99.9	96.5	84.9	70.5	55.4	37.8	12.8	71.6	7439
AUG		100.0	100.0	99.6	94.9	84.2	69.3	55.1	37.6	10.2	70.8	7438
SEP		100.0	100.0	99.7	96.6	89.1	77.6	63.7	45.3	12.3	74.3	7199
OCT		100.0	99.9	97.3	90.4	79.6	68.2	53.2	34.7	9.0	69.0	7436
NOV		100.0	99.8	96.7	90.4	81.0	67.5	50.5	32.3	11.9	68.6	7197
DEC		100.0	99.7	97.8	92.6	83.9	72.4	55.8	36.4	18.2	71.6	7278
TOTALS		100.0	99.8	97.8	91.6	81.0	67.2	51.3	33.0	11.7	69.1	87463

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.

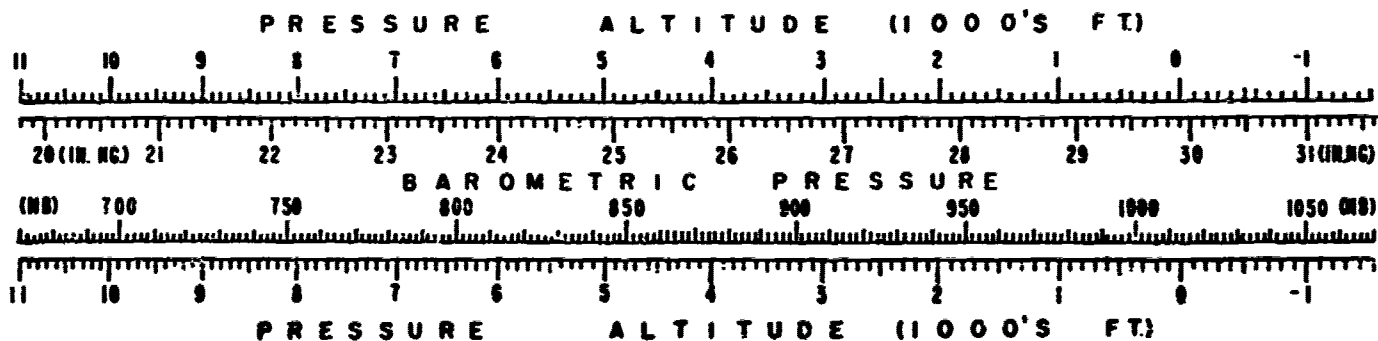
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

STATION: LITTLE ROCK AFB AR

69-78

STATION

STATION NAME

YEARS

HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	29.81029	29.74929	29.65029	29.64429	29.61429	29.61729	29.66129	29.67229	29.67829	29.73429	29.75229	29.744	29.690
S D	.029	.015	.017	.013	.035	.096	.076	.075	.106	.149	.180	.216	.173
TOTAL OBS	310	282	310	299	310	300	310	310	299	310	300	310	3650
MEAN	29.80029	29.74529	29.64329	29.63729	29.60729	29.61429	29.65329	29.66529	29.67329	29.73329	29.75029	29.743	29.688
S D	.034	.016	.000	.013	.038	.097	.076	.079	.107	.152	.181	.216	.175
TOTAL OBS	310	282	310	300	310	300	310	310	300	310	310	309	3651
MEAN	29.80029	29.75629	29.66329	29.66229	29.63429	29.64229	29.68029	29.69129	29.69629	29.75629	29.76529	29.745	29.708
S D	.040	.020	.004	.001	.043	.102	.080	.080	.109	.155	.192	.218	.176
TOTAL OBS	310	282	310	300	310	300	310	310	299	310	300	309	3650
MEAN	29.83929	29.79129	29.69629	29.69229	29.65729	29.66329	29.70229	29.71329	29.72229	29.75929	29.79929	29.785	29.737
S D	.040	.029	.009	.005	.045	.101	.082	.082	.112	.157	.188	.216	.181
TOTAL OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
MEAN	29.81729	29.77529	29.67629	29.67129	29.64029	29.64729	29.68829	29.69529	29.70329	29.76229	29.76729	29.760	29.716
S D	.044	.026	.008	.005	.039	.103	.080	.082	.110	.153	.190	.213	.179
TOTAL OBS	310	282	310	300	310	300	310	309	298	309	300	310	3648
MEAN	29.76429	29.71129	29.61629	29.61829	29.59529	29.60529	29.64329	29.64729	29.65029	29.70829	29.71729	29.709	29.665
S D	.039	.023	.003	.017	.035	.099	.080	.080	.112	.143	.188	.211	.174
TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
MEAN	29.77529	29.71629	29.60929	29.60529	29.57529	29.58529	29.62429	29.63429	29.64529	29.70929	29.72729	29.723	29.660
S D	.029	.018	.009	.014	.033	.099	.076	.080	.109	.145	.185	.208	.175
TOTAL OBS	310	282	310	300	309	300	310	310	299	310	300	309	3649
MEAN	29.79429	29.74129	29.64129	29.63629	29.60529	29.60629	29.65229	29.66629	29.67629	29.73629	29.74829	29.743	29.687
S D	.027	.016	.009	.009	.033	.101	.076	.079	.110	.147	.187	.212	.173
TOTAL OBS	310	282	310	300	310	300	310	310	300	309	300	309	3650
MEAN	29.79929	29.74829	29.64929	29.64629	29.61629	29.62329	29.66329	29.67329	29.68129	29.74129	29.75329	29.744	29.694
S D	.037	.022	.004	.019	.040	.103	.082	.084	.112	.153	.186	.215	.177
TOTAL OBS	2480	2256	2480	2399	2479	2399	2480	2479	2395	2478	2400	2476	29201

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# MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HGS FROM HOURLY OBSERVATIONS

LITTLE ROCK AFB AR

69-73

STATION	STATION NAME	YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	MEAN		1021.0	1019.3	1015.7	1015.4	1014.2	1014.2	1015.6	1016.2	1016.4	1018.4	1019.2	1019.1	1017.1
	S.D.		7.991	7.462	6.921	6.107	4.727	3.445	2.698	2.794	3.763	5.173	6.319	7.543	6.090
	TOTAL OBS		310	282	310	297	310	300	310	310	299	310	300	309	3647
2	MEAN		1021.1	1019.1	1015.5	1015.2	1014.0	1014.1	1015.5	1015.9	1016.2	1018.4	1019.2	1019.0	1016.7
	S.D.		8.199	7.864	6.990	6.114	4.817	3.420	2.757	2.787	3.799	5.349	6.351	7.506	6.171
	TOTAL OBS		310	282	310	299	310	299	310	309	300	309	300	306	3646
3	MEAN		1021.3	1019.6	1016.1	1016.1	1015.0	1015.2	1016.5	1016.9	1017.1	1019.2	1019.7	1019.2	1017.9
	S.D.		8.371	7.864	7.091	6.274	5.011	3.574	2.830	2.833	3.857	5.418	6.393	7.563	6.182
	TOTAL OBS		300	281	310	300	309	299	300	310	300	310	300	309	3644
4	MEAN		1022.8	1020.8	1017.3	1017.1	1015.7	1015.9	1017.2	1017.7	1018.0	1020.4	1020.9	1020.5	1018.7
	S.D.		8.575	7.810	7.299	6.444	5.069	3.548	2.875	2.882	3.942	5.469	6.593	7.508	6.330
	TOTAL OBS		308	282	310	300	306	300	308	309	300	309	300	310	3644
17	MEAN		1021.7	1020.2	1016.6	1016.4	1015.1	1015.3	1016.7	1017.0	1017.3	1019.4	1019.7	1019.6	1017.9
	S.D.		8.902	7.858	7.260	6.448	4.830	3.580	2.829	2.877	3.895	5.411	6.615	7.432	6.267
	TOTAL OBS		310	282	310	300	310	299	310	309	299	309	300	310	3648
15	MEAN		1019.9	1018.0	1014.5	1014.5	1013.6	1013.9	1015.1	1015.3	1015.4	1017.5	1018.0	1017.9	1016.1
	S.D.		8.379	7.699	7.070	6.190	4.704	3.507	2.823	2.825	3.952	5.198	6.577	7.365	6.129
	TOTAL OBS		307	281	310	299	310	300	310	310	299	309	300	310	3645
18	MEAN		1020.3	1018.1	1014.3	1014.1	1012.9	1013.2	1014.5	1014.8	1015.3	1017.6	1018.4	1018.4	1016.0
	S.D.		8.013	7.590	6.947	6.047	4.626	3.463	2.769	2.822	3.870	5.116	6.470	7.293	6.157
	TOTAL OBS		310	281	309	299	309	300	309	310	300	310	300	309	3646
21	MEAN		1020.9	1019.0	1015.5	1015.2	1013.9	1014.0	1015.4	1016.0	1016.3	1018.5	1019.1	1019.1	1016.9
	S.D.		7.982	7.483	6.909	5.896	4.626	3.534	2.709	2.773	3.884	5.160	6.539	7.395	6.095
	TOTAL OBS		310	282	310	300	310	299	309	310	300	309	300	309	3648
22	MEAN		1020.9	1019.0	1015.5	1015.2	1013.9	1014.0	1015.4	1016.0	1016.3	1018.5	1019.1	1019.1	1016.9
	S.D.		7.982	7.483	6.909	5.896	4.626	3.534	2.709	2.773	3.884	5.160	6.539	7.395	6.095
	TOTAL OBS		310	282	310	300	310	299	309	310	300	309	300	309	3648
23	MEAN		1020.9	1019.0	1015.5	1015.2	1013.9	1014.0	1015.4	1016.0	1016.3	1018.5	1019.1	1019.1	1016.9
	S.D.		7.982	7.483	6.909	5.896	4.626	3.534	2.709	2.773	3.884	5.160	6.539	7.395	6.095
	TOTAL OBS		310	282	310	300	310	299	309	310	300	309	300	309	3648
24	MEAN		1020.9	1019.0	1015.5	1015.2	1013.9	1014.0	1015.4	1016.0	1016.3	1018.5	1019.1	1019.1	1016.9
	S.D.		7.982	7.483	6.909	5.896	4.626	3.534	2.709	2.773	3.884	5.160	6.539	7.395	6.095
	TOTAL OBS		310	282	310	300	310	299	309	310	300	309	300	309	3648
25	MEAN		1020.9	1019.0	1015.5	1015.2	1013.9	1014.0	1015.4	1016.0	1016.3	1018.5	1019.1	1019.1	1016.9
	S.D.		7.982	7.483	6.909	5.896	4.626	3.534	2.709	2.773	3.884	5.160	6.539	7.395	6.095
	TOTAL OBS		310	282	310	300	310	299	309	310	300	309	300	309	3648
26	MEAN		1020.9	1019.0	1015.5	1015.2	1013.9	1014.0	1015.4	1016.0	1016.3	1018.5	1019.1	1019.1	1016.9
	S.D.		7.982	7.483	6.909	5.896	4.626	3.534	2.709	2.773	3.884	5.160	6.539	7.395	6.095
	TOTAL OBS		310	282	310	300	310	299	309	310	300	309	300	309	3648
27	MEAN		1020.9	1019.0	1015.5	1015.2	1013.9	1014.0	1015.4	1016.0	1016.3	1018.5	1019.1	1019.1	1016.9
	S.D.		7.982	7.483	6.909	5.896	4.626	3.534	2.709	2.773	3.884	5.160	6.539	7.395	6.095
	TOTAL OBS		310	282	310	300	310	299	309	310	300	309	300	309	3648
28	MEAN		1020.9	1019.0	1015.5	1015.2	1013.9	1014.0	1015.4	1016.0	1016.3	1018.5	1019.1	1019.1	1016.9
	S.D.		7.982	7.483	6.909	5.896	4.626	3.534	2.709	2.773	3.884	5.160	6.539	7.395	6.095
	TOTAL OBS		310	282	310	300	310	299	309	310	300	309	300	309	3648
29	MEAN		1020.9	1019.0	1015.5	1015.2	1013.9	1014.0	1015.4	1016.0	1016.3	1018.5	1019.1	1019.1	1016.9
	S.D.		7.982	7.483	6.909	5.896	4.626	3.534	2.709	2.773	3.884	5.160	6.539	7.395	6.095
	TOTAL OBS		310	282	310	300	310	299	309	310	300	309	300	309	3648
30	MEAN		1020.9	1019.0	1015.5	1015.2	1013.9	1014.0	1015.4	1016.0	1016.3	1018.5	1019.1	1019.1	1016.9
	S.D.		7.982	7.483	6.909	5.896	4.626	3.534	2.709	2.773	3.884	5.160	6.539	7.395	6.095
	TOTAL OBS		310	282	310	300	310	299	309	310	300	309	300	309	3648
31	MEAN		1020.9	1019.0	1015.5	1015.2	1013.9	1014.0	1015.4	1016.0	1016.3	1018.5	1019.1	1019.1	1016.9
	S.D.		7.982	7.483	6.909	5.896	4.626	3.534	2.709	2.773	3.884	5.160	6.539	7.395	6.095
	TOTAL OBS		310	282	310	300	310	299	309	310	300	309	300	309	3648
32	MEAN		1020.9	1019.0	1015.5	1015.2	1013.9	1014.0	1015.4	1016.0	1016.3	1018.5	1019.1	1019.1	1016.9
	S.D.		7.982	7.483	6.909	5.896	4.626	3.534	2.709	2.773	3.884	5.160	6.539	7.395	6.095
	TOTAL OBS		310	282	310	300	310	299	309	310	300	309	300	309	3648
33	MEAN		1020.9	1019.0	1015.5	1015.2	1013.9	1014.0	1015.4	1016.0	1016.3	1018.5	1019.1	1019.1	1016.9
	S.D.		7.982	7.483	6.909	5.896	4.626	3.534	2.709	2.773	3.884	5.160	6.539	7.395	6.095
	TOTAL OBS		310	282	310	300	310	299	309	310	300	309	300	309	3648
34	MEAN		1020.9	1019.0	1015.5	1015.2	1013.9	1014.0	1015.4	1016.0	1016.3	1018.5	1019.1	1019.1	1016.9
	S.D.		7.982	7.483	6.909	5.896	4.626	3.534	2.709	2.773	3.884	5.160	6.539	7.395	6.095
	TOTAL OBS		310	282	310	300	310	299	309	310	300	309	300	309	3648
35	MEAN		1020.9	1019.0	1015.5	1015.2	1013.9	1014.0	1015.4	1016.0	1016.3	1018.5	1019.1	1019.1	1016.9
	S.D.		7.982	7.483	6.909	5.896	4.626	3.534	2.709	2.773	3.884	5.160	6.539	7.395	6.095
	TOTAL OBS		310	282	310	300	310	299	309	310	300	309	300	309	3648
36	MEAN		1020.9	1019.0	1015.5	1015.2	1013.9	1014.0	1015.4	1016.0	1016.3	1018.5	1019.1	1019.1	1016.9
	S.D.		7.982	7.483	6.909	5.896	4.626	3.534	2.709	2.773	3.884	5.160	6.539	7.395	6.095
	TOTAL OBS		310	282	310	300	310	299	309	310	300	309	300	309	3648
37	MEAN		1020.9	1019.0	1015.5	1015.2	1013.9	1014.0	1015.4	1016.0	1016.3	1018.5	1019.1	1019.1	1016.9
	S.D.		7.982	7.483	6.909	5.896	4.626	3.534	2.709	2.773	3.884	5.160	6.539	7.395	6.095
	TOTAL OBS		310	282	310	300	310	299	309	310	300	309	300	309	3648
38	MEAN		1020.9	1019.0	1015.5	1015.2	1013.9	1014.0	1015.4	1016.0	1016.3	1018.5	1019.1	1019.1	1016.9
	S.D.		7.982	7.483	6.909	5.896	4.626	3.534	2.709	2.773	3.884	5.160	6.539	7.395	6.095
	TOTAL OBS		310	282	310	300	310	299	309	310	300	309	300	309	3648
39	MEAN		1020.9	1019.0	1015.5	1015.2	1013.9	1014.0	1015.4	1016.0	1016.3	1018.5	1019.1	1019.1	1016.9
	S.D.		7.982	7.483	6.909	5.896	4.626	3.534	2.709	2.773	3.884	5.160	6.539	7.395	6.095
	TOTAL OBS		310	282	310	300	310	299	309	310	300	309	300	309	3648
40	MEAN		1020.9	1019.0	1015.5	1015.2	1013.9	1014.0	1015.4	1016.0	1016.3	1018.5	1019.1	1019.1	1016.9
	S.D.		7.982	7.483	6.909	5.896	4.626	3.534	2.709	2.773	3.884	5.160	6.539	7.395	6.095
	TOTAL OBS		310	282	310	300	310	299	309	310	300	309	300	309	3648